

**International
99/4
Users-Group**



**Owner
Written and Translated
Software Catalog**



Please Use Owner-Written Form

GAMES

- 1001 Bible I**
A guess who I am game about Bible characters.
- ~~1002 Bible 2~~
A different program written to be used with a printer. The better of the two.
- ~~1003 Black-Jack (Speech Required)~~
Deal the cards 21 is the big winner here.
- 1004 Cars and Carcasses (Graphics & Sound)**
One of our BEST!! Drive your car around the screen and try to run over the Monsters.
- 1005 Civil War (Graphics & Music)**
Try to alert the course of history.
- ~~1006 Craps (Graphics & Sound)~~
Place your bets and Roll those Bones.
- 1007 Guess Phrase (Graphics)**
You try to guess well known phrases. Can be played by 2.
- 1008 Hangman (Speech Required & Graphics)**
Face the gallows on each letter guessed. Get the word right or swing.
- 1009 Lunar Lander (Graphics)**
About the most challenging space game you'll find. Master this one and you're ready to fly to the moon.
- 1010 Master (Graphics)**
Another one of our BEST!! Match the colors is the way to win in this game.
- 1011 Monster (Limited Graphics) New improved version**
In this one if you don't guess the correct word the Monster will eat you.
- 1012 Number Guess**
Simple but nice!
- 1013 Obstacle Course (Graphics)**
Move your car through the maze to the finish line. This is an excellent program!
- ~~1014 Pony (Speech Required)~~
Run this for a day at the race track. Excellent speech in this program.
- 1015 Presidents (Graphics & Music)**
From clues the computer will give, guess what president it is looking for.
- 1016 Sailing (Graphics)**
This is not an easy program to master but lots of fun. Sail around 3 pylons in the shortest amount of time is the object.
- 1017 Schmoo (Graphics & Optional Speech)**
A fantastic mud throwing contest with the Schmoo. This program is a real winner!
- 1018 Simon I (Graphics & Optional Speech)**
Listen for the tone and watch for the colors! Not as easy as it may sound. Another GREAT PROGRAM.
- 1019 Startrek**
The original computer space game.

- ~~1020~~ **Slot Machine** (Graphics & Speech)
Pull the one armed bandit and cross your fingers.
- ~~1021~~ **Tarot Cards**
If you need your fortune told here is the way. Different words in the sentence.
- 1022 **Tax Collector**
A challenging game against the computers ability to pick factored numbers. Ages 12 and over.
- 1023 **Tick Tac Toe** (Graphics)
A two player game where the can can also win.
- 1024 **Match-Up** (Graphics)
Hidden shapes on the game board need to be found. Ages 12 and over.
- **1025 **Mugwampus** (Graphics)
A new twist on a wampus type computer game. Ages 12 and over.
- 1026 **Rebound** (Graphics - Joysticks Optional)
A very interesting game for two. Arrows fly and the first one with 10 points wins.
- 1027 **T.I. Wars** (Excellent Graphics - Music)
A new and exciting kind of space game.
- 1028 **Capture**
A game of logic that involves the capture of an enemy ship not the destruction.
- ~~1029~~ **Desert**
An input response program. Object is to cross the desert on a camel without killing the animal or yourself.
- 1030 **Crazy Lines** (Joysticks Required)
One we really enjoy! Don't go out of bounds or cross the opponents line. For 2 players.
- 1031 **Nimble**
A simple game of don't be the one to take the last piece. Not as easy as it sounds.
- 1032 **Road Race** (Graphics)
Drive your car through a maze of barriers. Select gear and directions.
- 1033 **Wiz**
Based on the parlor game called "Stock Ticker." A 2 player game of finance.
- 1034 **Hamurabi** (Graphics)
Control the destiny of a nation! An excellent computer game.
- 1035 **Indian** (Graphics)
A most challenging game of position and strategy. Ages 12 and over.
- 1036 **Landing** (Graphics - Speech Required)
An input game that requires you to make a soft landing.
- 1037 **Shoot Out** (Graphics - Speech Required)
You need to get the enemy ship in the cross-hairs before firing.
- 1038 **Touring** (Graphics)
Select road width and driving conditions. Fun for all ages.

- 1039 **Seymour the Monster** (Limited Graphics - Speech Required)
An excellent educational word guessing game. Guess the correct letters or be eaten by Seymour.
- 1040 **Cannon** (Graphics)
A nifty game. Aim the cannon, set the speed and fire.
- **1041** **Star-Fight** (Graphics - Joysticks Required)
A difficult game to master. But one of the best space games we have. Ages 12 and over.
- 1042 **Stars** (Graphics - Music)
A new twist on an old number guessing game. An excellent game for children and adults.
- 1043 **Life** (Graphics)
A very interesting and thought provoking program. Cells live and die. Ages 16 and over.
- **1044** **Code Breaker** (Graphics)
A master mind type game. Is difficult to play, but if you can figure it out it's loads of fun.
- 1045 **Camel** (Graphics)
Similar to the desert game but with more graphics. This is a fun game!
- 1046 **English Tennis** (Graphics - Joysticks Required)
A new version of a "Pong" type game for 2 players. Fun for all ages.
- 1047 **U.F.O.**
A new input type space game for you Star Trek lovers. We think you'll like this one.
- 1048 **Nab** (Graphics)
An interesting maze game for any age. Ages 12 and over.
- 1049 **Wampus #2** (Speech Required)
A new version of the Wampus computer game. Ages 12 and over.
- ~~1050~~ **Yahtzee** (Graphics) #1144
This adaptation of Milton Bradley's game of Yahtzee is fantastic! Fun for the whole family. 4 can play.
- 1051 **Quest**
The best of several Quest games we have received. Object is to find your way out of a cave.
- 1052 **Wampus** (New Version)
Hunt down the Wampus but watch out for the PIT!
- 1053 **Wordsearch** (Printer Required)
Why buy books for wordsearch puzzles when the 99/4 can do it for you? An excellent programming job!
- 1054 **Air and Sea Battle** (Graphics)
A one or two player game. Airplanes and ships move across the screen and try to destroy each other. The player with the most hits wins.
- 1055 **Animal**
A game with some educational value, you try to fool the computer. Watch as your computer stores information and gets smarter as the game progresses.

- ~~1056~~ **Bombs** (Graphics)
The basics are here but this game could stand some changes. A real challenge for the amateur programmer.
- 1057 **Checkers** (Graphics)
Play a challenging game of checkers against the computer. A very well written program.
- 1058 **Dunkshoot** (Graphics Joysticks Required)
Just like the county fair midway! Take aim and fire at ducks, spiders and bullseyes.
- 1059 **French Tennis** (Graphics Joysticks Required)
Try to position the net so the ball goes through. Easy you say! Try this one for skill. A very challenging game.
- 1060 **Golf**
Play a challenging game of golf at the 99/4 Country Club. The computer even lets you choose your own clubs. Entertaining for the entire family.
- 1061 **Hexpawn** (Graphics)
Match wits against the computer. Try to advance your men in a 3 x 3 square before the computer beats you.
- 1062 **Queen** (Graphics)
Based on the moves of a chess queen. This game is hours of strategy and fun.
- 1063 **Squares** (Graphics)
An interesting game for two or more players. The object is to collect as many points as possible through a maze created by the computer.
- 1064 **Docking** (Graphics)
You must land your space ship on earth through a maze of stars. You have limited use of your lasers so be sure you know they way. A great game for 10 and over.
- 1065 **Artillery** (Graphics)
A super game for 12 and older. Strategy and planning aid you in destroying the enemy. Great graphics!
- 1066 ✓ **Dragonmaze** (Graphics)
One of the best maze games we have seen! This is a real memory buster which pits the player against the computer. You must move through the maze before the dragon catches you.
- 1069 **Gomoko** (Graphics)
Strategic board game matching your mind against the computer or another player. First player to place five of his markers either horizontal, vertical or diagonal wins! For 12 and older.
- ~~1070~~ ^{See other Othello # 1184-Bater} **Othello** (Graphics)
In this challenging board game you will see some of the best 3-D graphics the 99/4 can produce.
- 1071 **Robot** (Graphics & Sound)
A game designed for 1,2, or 3 players is fun for the entire family. A super graphic and animation program.
- 1072 **Sinking Ships** (Graphics)
A battleship type game that is fun for the family. Sink all the ships and you win the game. Ages 10 and older.

- 1073** **Gunners**
A two player game. Find where the enemy guns are hidden is the object.
- 1074** **Lander**
An interesting game that requires you to judge the burn of your rocket engines in order to make a soft landing on the planet.
- 1075** **Reversi (Graphics)**
A very challenging board game for ages 12 and over. The object of the game is by changing the other players color to end up with the most chips.
- ~~**1076**~~ **One-Arm (Graphics)**
This new slot machine game is loaded with hours of gaming fun. Gamble as through in Vegas without leaving your home!
- ~~**1077**~~ **Par-2 (Limited Graphics)**
This fun golf game requires the players to sink the ball in the hole with only 2 strokes! Two players — fun for all ages.
- 1078** **Quantal**
A two player game. Each player must either turn on or off a series of switches.
- ~~**1079**~~ **Verboten**
An educational game for two players which deals with the alphabet.
- ~~**1080**~~ **Lapids (Graphics)**
Game suggested for beginners or young children. Object is to remove rock from a pile.
- ~~**1081**~~ **Monster Combat (Graphics Disk Only)**
The object is to capture treasures and move through a maze full of monsters that you must conquer.
- 1083** **Robot Chase (Graphics)**
The object is to escape from several robots by using a series of moves. You can destroy them by running into fence posts. Hours of great fun.
- ~~**1084**~~ **Tank Fight (Graphics - Joysticks Required)**
Although this two player game does not have any scoring and at times it is hard to tell who hit who, it is still loads of fun.
- 1085** **The Chase (Limited Graphics)**
A real thinkers game. The object is to track down, intercept, and shoot a target. It requires you to solve algebraic problems in your head while playing. A very interesting and entertaining program. Suggested for 16 and older.
- ~~**1086**~~ **Football**
This text only game is fun for all. You will have to list program for instructions.
- ~~**1087**~~ **Island**
Go on a treasure hunt on a South Sea island, in this text only program. This one is very challenging. Suggested for ages 16 and over.
- ~~**1088**~~ **J C L Squares (Graphics)**
A very professionally written program in which you must connect the dots to form squares. Fun for all.
- ~~**1089**~~ **King**
One of the best text only programs we have. Rule your Kingdom wisely and be rewarded; fail and you die.

1090 Lexicality

Lexicality is a word building game for up to 4 players. Object is to make words of as many letters as possible.

1091 Puzzle 15

A popular traveling gram now brought to your computer. Object is to arrange 15 numbers in sequential order in the least amount of moves. An excellent program for all family members.

1092 Zap-A-Ball (Joysticks Required-Graphics)

An excellent game that requires 2 players to possess quick hand-eye coordination. Object is to move your ball to the opponents side and prevent ball from entering your side of the screen.

1093 Depth Charge

A challenging game that requires the user to destroy a hidden submarine by plotting coordinates. This text only program is for ages 10 and older.

1094 Going Home (Graphics)

From one of our users in Hong Kong, this very interesting and challenging board game is a real winner. The first player to bring his square home wins. Suggested for age 10 and older.

1095 Numbers Away (Graphics)

Another game from Hong Kong! This simulates the popular T.V. game Gambit. An excellent programming job here.

~~***1096 Awari**~~

Pit yourself against the legendary Umlala Kubui in the ancient African game of Awari. An excellent text-only game. Suggested for ages 14 and older.

~~**1097 One Check (Limited Graphics)**~~

48 checkers are placed on the outside spaces of a 64 square checkerboard. Object of the game is to remove as many checkers as possible.

1098 Air Combat (Graphics-Joysticks Required)

An excellent program we are sure you'll enjoy. Fly your plane off the deck of an aircraft carrier to do battle with enemy planes.

1099 Battle for Iapetus (Joysticks Required-Graphics)

An interesting graphic game in which you try to destroy all of the other players gun positions. Ages 12 and older. This game is one which will not bore you easily.

1100 Scorcher (Graphics)

You are trapped in a field enclosed by an electric fence, surrounded by 40 fast moving scutters, you must scroch them before they scorch you. An excellent game for ages 10 and over.

1101 Aliens (Graphics & Sound-Joysticks Required)

A challenging space game in which you must destroy enemy targets as they move down and across your screen. Speed is fair and we like this one.

1102 Deep-Space

This text only space game is a real challenge. Suggested for the 16 and older age group.

1103 Splat (Graphics)

Test your ability to free fall parachute on several planets. You set the time of the fall and hope you don't splat. A nifty game.

- 1104 **White Holes** (Graphics)
One of the best maze games we have seen. The object is to find all the while holes and destroy them. Not an easy win here. Suggested for 16 and older.
- 1105 **Line Up**
To win this game arrange a random set of numbers into numerical order from left to right. Not as easy as it may sound. A good game.
- 1106 **Snark**
In this text only game you hunt the snark who is hiding in a 10x10 grid.
- 1107 **Chief**
The great chief will do a number trick and a card trick for you. Entertaining program.
- 1108 **Death-Tank** (Joysticks Required)
Play this two player game for hours. Each player commands a tank and the object is to destroy the opponents tank. A bit slow, but fun.
- *1109 ✓ **Bonkers** (Graphics)
As the title screen says this game is designed to drive you Bonkers. Another one of Gene Hitz' fantastic programs it's hours of fun.
- 1110 ✓ **Helicopter Rescue** (Graphics-Joysticks Required)
You must fly your helicopter to a building, pick up a body and deliver him to the hospital. Press enter to pick up body and land on top of chimney and press enter to deliver body.
- 1111 ✓ **Space-Shoot**
Chase the alien spacecraft around the screen and destroy him with your laser fire. Operator must have good, quick reactions to win this game.
- 1112 **Motocross** (Graphics)
Excellent! Excellent! A fun game for the entire family. Race your motorcycle around different tracks.
- 1113 **Hangman & Spelling** (Graphics)
A very good hangman game that does not require speech. Ages 6 and up.
- 1114 **Checkers #2** (Graphics-Tape Only)
An excellent game with well thought out Keyboard entry. Exceptional graphics and speed. A great game for the entire family.
- ~~1115~~ **Dice Roll** (Graphics)
A simple program that graphically displays dice rolls of one, two, or three dice. Great for any game which you use dice with.
- ~~1116~~ **Home Run** (Graphics)
Every pitch is a potential out or home run. A good game and fun for the younger ages.
- 1117 **Echo Chamber** (Graphics-Sound)
Some real interesting sounds of this twist on a Simon type game. An excellent 1 or 2 player game.
- ~~1118~~ **Keno** (Tape Only-Graphics)
The Las Vegas favorite of Keno now comes to the 99/4. Just as in the actual game the more numbers you guess right the more you win.
- ~~1119~~ **Laser Wins** (Graphics)
An excellent game, in which you must get the enemy ship in your crosshairs then fire before he gets you. Plenty of fun here! Ages 10 and older.

- 1120 The Lucas Problem**
The object of this game is to exchange the positions of two sets of markers to place in the correct order. The object is to do it in the least amount of moves.
- ~~1121 Match Game~~
In this text only game you play "Fill in the blanks" just like the T.V. match game. The questions are silly but the game is fun.
- 1122 Battleship**
Enjoy this one-player battleship game. Sink all the ships in the least amount of shots.
- ~~1123 Stellar (Tape Only)~~
Text game that requires the operator to command a spaceship and crew to other planets. Object is to explore, discover, and avoid perils.
- ~~**1124 Star-Guard (Disk Only-Graphics)~~
This challenging program actually contains two additional programs to assist you. A fun and exciting game that requires you to fire your laser at alien targets. The "rules program" will explain the rules and "boot score" program will keep track of highest score to date.
- 1125 Stock Market**
Text game that allows you to play the Stock Market without ever losing real money.
- ~~1126 Boxing (Joysticks Required-Graphics)~~
Try to knock out your opponent in this terrific game. Super program with directions included.
- 1127 In-Between**
Computer program that will deal the famous "In-Between" card game. Super graphics.
- ~~1128 Time Bomb~~
Text game that requires the user to disconnect one of ten wires to disengage the bomb. Be careful, disconnecting the wrong wire will cause the bomb to explode.
- ~~1129 Dominos (Limited Graphics)~~
Play dominos against the computer. The number are substituted with letters. Excellent programming job and fun game.
- ~~1130 Space Invaders (Graphics-Tape Only)~~
A well written program in Basic language. It is much slower than the arcade game but it is still a fun game.
- ~~1131 Minefield #2 (Limited Graphics)~~
Revision of the old minefield game. You must go from one end of the screen to the other. Very challenging.
- ~~**1132 Miner (Graphics)~~
This is one of our best! Excellent graphics and a fun game. Dig for gold to become rich — but don't cave in. Professional programming job.
- 1133 Scrabble**
Word game for ages 10 and up. Try to find as many words as possible in three minutes. Also a reverse game.
- 1134 Knights**
Word text game that requires you to place the Knights, Knaves, and Numskulls in the right order by determining statements that are true and false — Good time.

- 1135 **Psychology**
You and the computer each have 10 numbers in this text only game. The object is to play the most numbers. A very good game for ages 10 and up.
- 1136 **Connect Four** (Graphics)
Similar to the Milton Bradley game, this basic program is very well written. Object is to connect four. A very good game for ages 6 and up.
- 1137 **Dodgem** (Graphics-Tape Only)
An excellent graphic maze game type game we are sure you will enjoy. From keyboard input control where you go. Ages 10 and up.
- **1138** **Space Scout** (Graphics-Tape Only)
One of the best space games we have. Graphics are excellent but needs a little more ^{hrs} comp. instructions. ~~instructions~~. A must for those of you who are into space games. Great!
- ~~1139~~ **Superman** (Tape Only)
In this text only game you must destroy 10 super-villains around the city. A very exciting game for the 16 and over age group.
- ~~1140~~ **Motorcycle Jump**
In this simple text only program you judge your speed and incline in an effect to jump buses.
- 1141 **One Or Two** (Graphics-Tape Only)
A one or two player game with hours of playing fun. Try to out smart the other player in removing pieces from the game board.
- 1142 **Battlers** (Graphics)
A two player game that is loads of fun. Very colorful graphics. Object is to destroy the other player. An excellent game.
- ~~1143~~ **Nomad** (Tape Only)
Another one of the better text only games that we have. By prompts from the computer you must locate Grandma's house. Ages 16 and older.
- *1144** **Yahtzee-28**
The same great program as 1050 but adapted to use only 28 columns of the screen.
- *1145** **Mouse In A Maze** (Graphics)
An excellent program for users 12 and older. The object is to work your mouse through a maze and find the chunk of cheese. A very tricky maze game.
- *1146** **Alpine Skiing** (Graphics)
Choose from 6 different levels of difficulty and two different courses as you try to master the down-hill race. Great graphics and loads of fun for the entire family.
- ~~*1147~~ **Phasered** (Limited Graphics)
A Hangman type game in which you must identify words that were used in the popular Star Trek series. If you don't guess the word you are phasered.
- ~~*1148~~ **Backgammon** (Graphics, Tape Only)
Move your stones on the playing board as the computer randomly selects the dice rolls. A great game.
- *1149** **Connect The Dots** (Limited Graphics)
The object of this little game is to connect the dots in a 7x7 grid. The one to complete the most squares is the winner.

- ~~*1150~~ **Acy-Ducey (Graphics)**
Great cards graphics in this program which asks the user to bet whether he can hit a card in-between the two cards the computer displays. Fun for all ages.
- *1151 **Black Box (Graphics)**
An excellent program to test your memory skills and skills of deduction. The object is to find atoms hidden in the Black Box by injecting rays. Best for 16 and older.
- *1152 **3D Tic-Tac-Toe (Graphics)**
As good or better than the T.I. program of the same name. Great programming here.
- ~~*1153~~ **Bomb Scare**
In this text-only game you are required to find a bomb located in one of 1,000,000 rooms from the signals it give off. The closer you get the stronger the signal. You have 20 tries. A real fun game.
- *1154 **Dracula (Graphics)**
An interesting game from one of our West German users. The object is to avoid Dracula as long as possible before being caught. Fun for all ages.
- *1155 **Knights Tour (Graphics)**
Played on a chessboard, the object is to land on as many squares as possible, using any moves the Knight is allowed in chess. An interesting and thought provoking game.
- *1156 **Mars Lander (Graphics)**
An interesting game for the younger set. Use the arrow keys to make a soft landing on Mars. Ages 6 to 16.
- ~~*1157~~ **Swords & Sorcery (Extended Basic)**
In this text-only game you must escape many Dangers while fighting for your life.
- ~~*1158~~ **Anti-Aircraft Gunner (Graphics)** *Removed From Catalog*
The object of this game is to destroy as many aircraft as possible. You may move your gun but be careful the plane has a built-in radar system. Suggested for 10 and older.
- ~~*1159~~ **Devils Dungeon**
An excellent text-only D&D type game. The object of the game is to acquire as much gold as possible while avoiding monsters. One of our favorite text games.
- *1160 **Block 'Em (Graphics)**
A two player game in which the object is to block out your opponent. Fun for any age.
- *1161 **Navagate (Extended Basic, Graphics, Joystick Required)**
Fun to play but not easy to get a high score, this game requires skill and dexterity.
- *1162 **Monster Chase (Graphics)**
An interesting game in which monsters chase you around the screen. You may destroy them but it's not easy. Suggested for ages 12 and older.
- *1163 **Man Eating Rabbit**
This text-only game pits you against a man eating rabbit. If you are able to avoid the rabbit for 10 moves you win. A very interesting game.
- *1164 **Tail (Graphics, Tape Only)**
In this game you must capture diamonds without retracing your steps. A great game for the entire family.
- ~~*1165~~ **Tail (Graphics, Disk Only)**
The same game as #1164 but designed to run with a disk system.

- ~~1166~~ **Extended Blackjack** (Extended Basic Graphics)
You will find excellent graphics in this Las Vegas style BLACKJACK game. You will also need some real luck to beat the house.
- ~~1167~~ **Rockett Launch** (Extended Basic Graphics)
The object of the game is to launch your rocket at a precise time enabling it to hit the Jet Plane above you. Scoring includes attempts, hits, misses and percentages. Good graphics and good speed.
- ~~1168~~ **Spanish Battleships** (Graphics)
From our friends at Texins de Columbia in Bogota Columbia SA, comes this all Spanish version of the ever popular Battleship game. Very well written and a great Educational tool for learning some Spanish.
- ~~1170~~ **Roulette II** (Graphics)
An exciting trip on the Wheel of Fortune - Las Vegas Style betting is used in this game of chance.
- ~~1171~~ **Ski Slope** (Graphics) *see better - #1146*
An interesting game of downhill skiing. Suggested for ages 6 and up. Quick response is needed to achieve a high score.
- ~~1172~~ **Space Belt** (Graphics)
Drifting in deep space your mission is to destroy all enemy targets in this colorful game. Good speed and graphic effects in this basic game.
- ~~1173~~ **Flying Sprites** (Extended Basic, Graphics, Joysticks Required)
An almost impossible game that requires the player to capture letters or numbers as they fly across the screen. A built-in timing feature add an additional challenge.
- ~~1174~~ **Kismet** (Extended Basic, EXP RAM Graphics)
Similar to YAHTZEE, but with colored dice. Kismet provides a challenge for up to 4 players. A good family game.
- ~~1175~~ **Munch** (Graphics)
In this Basic game you must clear all of the dots from the maze board to win. Could use some type of scoring system and be a bit more challenge.
- 1176** **Robotwars**
Simple but Interesting! Move to avoid being destroyed by the Killer Robots.
- ~~1177~~ **Close Encounters**
This text only game is good for those of you who enjoy Operation Fail-Safe Type Programs. Fairly easy but a good game.
- ~~1178~~ **Fire**
You must try to stop a raging forest fire in this super text only game. You can chose to use a backfire or use chemicals, but you must put out the fire.
- 1179** **Sad Face** (Extended Basic Graphics)
A dice game with a new twist. Try to roll 50 points before the computer does. BUT - if the SAD FACE comes up you loose your points that round.
- 1180** **Not One** (Extended Basic Speech Required)
A dice game against the computer. Pick the number of rounds you wish to play and either roll or pass to achieve the highest score.

- ~~1181~~ **Poker** (Extended Basic Graphics)
Excellent game of 5 card draw against the computer. Draw up to 3 cards with a \$5.00 betting limit.
- ~~1182~~ **Crazy Clown** (Extended Basic; EXP RAM, Speech required, Graphics)
An excellent program for pre-school children. Choose from four different games. A wonderful program.
- 1183 **Cootie** (Speech Required, Graphics)
One of the all time favorite parlor games comes to life in this excellent program. Suggested for ages 6 and up. This game is fun for the entire family.
- ~~1184~~ **Othello II** (Graphics)
This one comes with complete playing instructions and offers 3 levels of difficulty. Two players, or play against the computer. Level 3 is HARD TO BEAT.
- 1185 **Pin The Tail** (Graphics)
A very well done game that is great for children's parties. Screen shows Donkey, then goes blank for you to try to relocate.
- 1186 **Smiley** (Graphics)
Move around the screen gathering points while you avoid being eaten by a persuing "SMILEY FACE" critter.
- 1187 **Space Gem** (Extended Basic, Graphics)
A recent pick as one of Charlie's Choices. This is a very good but difficult game to master. Sprite graphics show you space ship as you try to avoid crashing into other ships.
- 1188 **Ciper** (Extended Basic, Graphics)
A new code breaker game that is not easy to master. A little short on instructions, but very interesting. You have to guess a 4 color-code sequence.
- 1189 **Isolate** (Graphics)
A graphic board game for 2 players. Thinking power and skill are required to win. Very well done.
- 1190 **Score 4** (Graphics)
Similar in nature to Milton-Bradley's Connect 4. This Basic game is great family entertainment.
- 1191 **Imperial Lander** (Extended Basic, Graphics)
Excellent graphic effects! You must leave the mother ship, then land on the Planet Zira. After landing, you must then return to the mother ship. Suggested age: Around 10 and older.
- ~~1192~~ **Shooting Gallery** (Extended Basic, Graphics)
A neat program that could stand a scoring system. Fun for children as well as adults. Shoot at card suites and watch them disappear.
- 1193 **Trek** (Graphics)
Shoot at your enemy with phasers or torpedos. Dock at your Home Base to refuel. Impulse and warp drive capabilities are all included in this great Basic game.
- 1194 **Chicken Helper** (Extended Basic, Graphics)
If you have an Extended Basic you will want this one for your Software Library. Programed by the brothers Beljaff, CHICKEN HELPER is a real delight. OBJECT: To get the chicken to the other side of the road.

- 1195 Rescue Challenge** (Limited Graphics)
Try to rescue a friend on a damaged spacecraft before it is pulled into the sun. A very challenging game for 16 and up.
- 1196 Alien** (Graphics)
A well done game in TI Basic. Shoot down the flying saucer before it gets you. Graphic styling is in a "Space Invader" Format. Good speed and Great Action.
- 1197 Post Time** (Graphics)
From the Queen's lands in Australia, comes this nifty Horse Race Program. Place your bets and watch the ponies race across the screen.
- 1198 Concentration** (Limited Graphics)
An excellent game of Concentration with 4 different skill levels. 48 Squares hide letters that you must reveal then match. An excellent mind builder.
- 1199 Egg Wars** (Extended Basic, Graphics)
This is an unbelievable game of fun and dexterity. Princess LAY-A is in trouble and needs your HELP. Superb graphics are used as you find that you can't put all your eggs in one basket. Fun for all ages.
- 1200 Trench** (Graphics)
Authored to be nearly IMPOSSIBLE to win, this war game is a real challenge. Based on a WWI Battlefield situation, TRENCH will be played again, and again, and again.
- 1201 Warfish** (Ex. Basic, Graphics)
An exciting under sea game that can be enjoyed by the entire family. The object of the game is to sink as many enemy ships as possible before they sink you. Options allow you to attack and dive to avoid destruction.
- 1202 Ant Wars** (Joystick Required, Graphics)
Test your escape skills against deadly yellow ants in this fun filled basic game. Fast action and good graphics make this game a real winner.
- 1203 Break**
A 2 player text only game in which each player loads weight to the camels back. The player who exceeds the 150 pound limit, and brakes the camels back, loses.
- 1204 TI Dogfight** (Ex. Basic, Graphics, Joysticks, Req.)
A two player game in which you and a friend are in control of jet fighters. Full screen action make this game very exciting.
- 1205 Chicken #2** (Ext. Basic, Graphics, Joysticks Required)
Similar to Chicken Helper, this game uses larger sprites and allows left and right movement. An excellent game.
- 1206 Dragon Hunt** (Graphics)
From one of our Canadian members comes this basic game for small children. Object of the game is to capture the dragon.
- 1207 Alien 3** (Ext. Basic, Graphics)
UFO's have been spotted over Washington D.C., and you are charged with the Capitol's defense. Good sprite action.
- 1208 Autobahn** (Graphics)
Programmed by a 99/4 owner in West Germany, Autobahn offers fun for the entire family. Good graphic effects and good speed for a basic game.

- 1209 Appollo** (Graphics)
Although this game lacks instructions, it is an excellent game to play. Hint: you will only need to press one key. Remember where your fuel stations are, and don't turn more than 360 degrees. Programmed in Basic, we are sure you will enjoy it.
- 1210 Stardoger** (Ex. Basic, Graphics)
Excellent use of sprite graphics make this game loads of fun. Lost with a computer controlled ship in an asteroid shower, you must maneuver your ship away from the asteroids to score.
- 1211 S/A Missile** (Ex. Basic, Graphics)
A super two player game which can be played from the keyboard. Choose the amount of missiles you want, and start firing at enemy aircraft over the city.
- 1212 Extended Golf** (Ex. Basic, Joysticks Req., Graphics)
This graphic golf course shows location of your shots, and allows different swing strengths. An excellent game for the entire family. A superb programming job.
- ~~1213 Bacarat~~ (Ex. Basic, Graphics)
Chemin de Fer Madame and Maseur for the high stakes game of Bacarat. A fantastic card game for the computer.
- 1214 Hot-Dog** (Ex. Basic, Joysticks Required)
Hot-Dog needs your help in crossing the busy freeway. This is an excellent game for all ages, and menu selection allows different difficulty settings. Super graphics.
- ~~1215 Space Venture~~ (Ex. Basic, Graphics)
An excellent space game, but the action is a little slow. Good graphic effects, and holds the users interest.
- 1216 Tank Shot** (Graphics)
From a West German member comes this great basic game! The object is to remember what key fired the right rocket. Excellent speed and graphics.
- 1217 Zan Quest** (Ex. Basic, Graphics)
You are charged with destroying an enemy fortress and you must avoid enemy ships. Enter the fortress, and return to your base. Excellent game and graphics.
- ~~1218 Dog Race~~ (Ex. Basic, Graphics)
Place your bets at Heist-A-Leg dog track. Pick your favorite, or play a parlay for big wins. Excellent graphics, but a bit slow. Great family entertainment with up to eight players.
- 1219 Slither** (Graphics)
An excellent basic game that is similar to T.I.'s Hustle. Fun for the entire family with one or two players.
- 1220 Air Traffic Controller** (Ex. Basic, Graphics)
You are in command of a busy International Airport. As flights arrive, you must assign their holding patterns and direct their landing operations. For ages 12 to Adult. This is an excellent game of skill.
- ~~1221 Asteroid~~ (Graphics Ex. Basic) *See Bank #1233*
Good graphics make this Asteroid game fun for the entire family. Similar to the arcade game the object is to destroy all of the space rocks.
- 1222 Wagon Wheel** (Graphics Ex. Basic)
Based on the same principle as the arcade game Donkey-King this game is a real winner. You must save the burning wagon at the top of the screen but watch out for snakes and run away wheels.

- 1223 Walk In The Woods** (Graphics)
A super Basic game that is fun for all ages. Walk through the woods to collect treasure but watch out and don't step on any dead cats.
- 1224 Space Command** (Graphics Ex. Basic, Joysticks Req.)
Speech, For 99/4A Only
Hi-Res Graphics and total use of 99/4A abilities make this game a real joy. You must shoot down the enemy spycraft to defend the galaxy. A GREAT PROGRAM!
- 1225 Cube** (Graphics)
Manipulate Rubik's Cube using your 99/4. You can begin with an ordered Cube or have the computer jumble it.
- ~~**1226 Largo Downs**~~ (Graphics Ex. Basic)
Place your bets and watch as the ponies run at Largo Downs. Great Graphics! A real professional programming job.
- 1227 Tank Race** (Graphics Joysticks Opt.)
A two player game of tank battle played out in a random maze.
- ~~**1228 Ex. Blackjack**~~ (Graphics Ex. Basic)
A fantastic Black-Jack program. Great Graphics and some music added in, makes this the best of several Blackjack programs we offer.
- 1229 Cross-Word** (Graphics Ex. Basic)
A computerized crossword puzzle. Puzzle grid and clues are displayed on your screen. A good program.
- ~~**1230 Dimension Doors**~~ (Ex. Basic)
A text only Ex. Basic game for one player that requires you to hunt down a Magician who is hiding behind one of them. A good adventure game.
- 1231 Cat and Mouse** (Ex. Basic 99/4A Only Graphics)
Great Graphics and Great speed make this cat and mouse space game fun for the entire family. Joysticks are required. We like this Game!
- 1232 Potshot** (Ex. Basic 99/4A ONLY Graphics, Joysticks Req.)
Based on the same principle as the TI Command Module Video Games, this program is a real Blast. Align your sights on the target and fire. Fun for all ages.
- 1233 Space Duel** (Graphics Ex. Basic 99/4A ONLY, Joystick Req.)
A very well thought out two player game. Dogfight with your opponent while trying to avoid collisions with asteroids. Speed is fair and programming is Great!
- 1234 Spacewar** (Graphics Ex. Basic 99/4A ONLY, Joystick Req.)
A two player game in which you must outmaneuver your opponent and blast him into deep space. Has scoring feature.
- 1235 Tranks** (Graphics 99/4A ONLY)
A great little basic game in which you try to block in your opponent. Mines and Transporters make this game all the more exciting.
- 1236 Asteroid Belt** (Graphics Ex. Basic, Joystick Req.)
An excellent space game with vivid graphics. You must avoid the asteroid field and reach the heavens after you pick up a passenger. Fun for all ages.
- ~~**1237 Party Game**~~ (X-Rated)
An adult board game of drinking, stripping and fondling. Done in good taste! For 99/4A only.

- 1238 Clones** (Graphics)
In this Basic game you need to gather treasure while avoiding all kinds of creatures. Excellent Graphics and Speed for a Basic program.
- 1239 Invasion** (Graphics)
From West Germany this game is sure to become one of our most requested. Programmed in Basic it offers Great Speed and can be enjoyed by any member of the family.
- 1240 Indy-500** (Graphics Ex. Basic, Joystick Req.)
Pass on the inside or outside but you must avoid hitting other cars on the track. Scoring and timing features built in. Great race action.
- 1241 Space Guard** (Graphics Ex. Basic)
Another real good space game which can be played by almost anyone. Timing and scoring features add to the overall excitement. Great graphics and sound.
- 1242 Alien Destroyer** (Graphics Ex. Basic)
By far the best use of graphics we have seen in a game program. This game is a must for all of you who have an Ex. Basic, Exceptional Speed and visual effects. A Super Program!!!
- 1243 Space Attack** (Graphics)
A little slow but a good Basic space game for ages 6 and over. Nice Graphics.
- 1244 Molasses Man** (Graphics Ex. Basic)
All of the caricature definitions are there and so is the maze, but the speed is so slow that the author named it right. This program could be a real challenge to all you Ex. Basic programmers. NO BUGS JUST SLOW!
- 1245 Block Buster** (Graphics)
A Break-Out style game that can be played from the keyboard. Fair Speed and Good Graphics.

GRAPHICS AND DEMOS

- 2100 **Basic Demo (Music)**
T.I.'s annual report with vivid graphics. You'll learn a lot from this program.
- 2101 **Christmas**
Santa and his reindeer with a snow scene.
- 2102 **Fishin**
A boy at the old fishin hole tries to land the big one.
- 2103 **Flag (Music)**
A brilliant American flag with some patriotic music.
- 2104 **Haunted House**
Witches and flying pumpkins come from the Haunted House.
- 2105 **Kaleidoscope**
Creates a kaleidoscope of color on your screen.
- 2106 **Job Cost (Optional Speech)**
This is an excellent program to learn from. You build a fence and the program gives you the cost.
- 2107 **Snoopy (Music)**
A real favorite with the children. This program draws a picture of Snoopy on the screen and then plays a tune.
- 2108 **Speech Demo (Speech Required)**
In this one the T.V. and the screen argue as to who is the most important.
- 2109 **Seahorse**
A beautiful depiction of a seahorse and a great job of graphic programming.
- 2110 **Pink Panther (Music)**
As several Pink Panthers appear on your screen theme music will play.
- 2111 **ITT (Speech Required)**
The best part of this is the programming logic. Content is a demo of a hardware mfg.
- 2112 **Fast/Ship (Sound)**
Klingons destroy the Enterprise then escape in this short but efficient program.
- 2113 **Snoopy Christmas (Music)**
The children will love Snoopy and his Christmas tree.
- 2114 **Valentine**
A valentine message for your sweetheart.
- 2115 **Stars**
Fills the screen with a myriad of stars. A mood program that is fun to watch.
- 2116 **Love (Printer Required)**
Robert Indianas' art work in poster form. A great translation job.
- 2117 **Multi-Maze**
Changing colors and lines appear on your screen.
- 2118 **Sine-Wave**
This abstract art program will do things on your screen you won't believe.

- 2119 Colorburst**
Over 500 million combinations of colorful patterns that will bring hours of enjoyment to your 99/4 usage.
- 2120 Bunny (Printer Required)**
This program prints a pattern of the famous Playboy Bunny.
- 2121 Patterns**
Print on the screen your choice of vertical lines, horizontal lines, crossing lines, dots, or several screen colors.
- 2122 Playing Cards**
Depicts all of the regulation playing cards in a deck.
- 2123 RI. Flag and song (Music)**
The Rhode Island State Flag and song.
- 2124 WY. Flag and song (Music)**
The Wyoming State Flag and song.
- 2125 NM. Flag**
A great programming job on the New Mexico State Flag.
- 2126 Visions**
Watch as your screen changes patterns for 40 min. A very interesting program.
- 2127 Ohio**
The Ohio State Flag. A beautiful depiction of this flag!
- 2128 Indiana**
Indiana's star filled flag as programmed by one of our owners in the Hoosier state.
- 2129 Texas #1 (Music and Sound)**
This is one of the two Texas state flags that we have received for our contest. The other two are listed below. See which you like best!
- 2130 Texas #2**
Texas State Flag!
- 2131 Arithmagraphs**
A very unusual program submitted by our English users-group. From various graphs displayed on the screen you must enter the arithmetic answer. A real mind challenger.
- 2132 Colour**
Another program from our friends across the Atlantic. The program generates a screen full of random colors and sounds.
- 2133 Halloween (Extended Basic)**
Watch as spirits of witches, pumpkins, black cats, bats, and other scary things fill your screen.
- 2134 Oregon Flag (Tape Only-Music)**
An excellent programming job and a top contender in a recent contest.
- 2135 Lower Case Lettér**
Display up to 14 large lower case letters on the screen. Can be used as a subprogram.

- 2136 **Maze-Maker**
This program allows you to make your own mazes. You can define both color of screen and color of walls.
- 2137 **Printed Mazes (Printer Required)**
Make your own printed mazes using an RS232 compatible printer. Select the size you want up to 21 x 21. Computer randomly generates a different maze each time.
- 2138 **Utah State Flag #1 (Music-Tape Only)**
A very colorful depiction of the Utah state flag. You may be able to pick up some programming tricks here.
- 2139 **Color Crayon (Disk Only)**
This program allows you to draw designs on the screen which you can save on disk. Very colorful.
- 2140 **Very Large Letters**
You can display up to ten very large characters in two rows of five each. A good program for teaching pre-school children complete words.
- 2141 **Safety**
This excellent program graphically depicts hazards one might encounter in a plant. A must for all.
- 2142 **Color Combinations Display**
This program will help you realize the true elasticity of the T.I. graphics, by showing you how to achieve various colors.
- 2143 **Snoopy #2 (Tape Only)**
Snoopy at the dog house with his friend Woodstock.
- 2144 **Colorado Flag**
Flag of the great state of Colorado.
- 2145 **Signs**
Although there are a few bugs in this program, which any experienced programmer can work out, it is still worth listing. Print your own signs using either a thermal or RS232 type printer.
- 2146 **Kaleidoscope II**
An all new program with ever changing colors and patterns. A truly beautiful program. You'll like this one.
- 2147 **Clemson (Music)**
A block C.U. is made from tiger paw prints while "Hold That Tiger" plays in the background.
- 2148 **Ticker-Tape**
A slow, but interesting, program that places your message in TICKER-TAPE style on the 99/4 screen.
- 2149 **Diamonds**
Ever changing shapes and colors fill your 99/4 screen.
- 2150 **Title Screen**
A Basic reproduction of the Home Computers Title Screen. VERY INTERESTING.
- 2151 **Daniel (Extended Basic, Speech Required, Music)**
Graphics and reading from the Book of Daniel. An excellent program written as a "demo" for the missionary work of the Mormon Church.

- 2152 Memory-Maze** (Tape Only, Graphics, Joysticks Required)
An excellent maze game and one that is not easy to beat. Very good programming!!
- 2153 Calendar** (Extended Basic Printer Required)
Designed to work with EPSON MX-80. This program will print a calendar for any year 1981 to 2000.
- 2154 Inkblot** (Extended Basic Printer Required)
This program prints random patterns on a printer like a Psychiatrist Inkblot. A very interesting program.
- 2155 Christmas Screen** (Extended Basic)
A great indoor Christmas Scene with tree, fireplace, presents and toys. A real nice graphic program.
- 2156 Frequency Test**
Program plays up to 100 notes in ascending frequency to test your highest hearing level.
- 2157 Random Character Generator**
Fills the screen with a random character, then gives you the 16 digit color code. Useful in graphic programming.
- 2158 Sprite Demo** (Extended Basic)
Of several dozen sprite demos, we have received, this one is by far the BEST. If you have friends who own other personal computers show them this and watch them GLOAT.
- 2159 Mother Goose** (TE II and SPEECH REQUIRED)
The best children's program we have!! Listen as an animated Rocky Ro-Bot recites Mother Goose nursery rhymes. EXCELLENT!
- 2160 3 Screen Demo**
3 separate screens that demo the graphic capabilities of the 99/4 in basic programming.
- 2161 Robot Jokes** (TE II, Speech Syn., Graphics)
Our old friend Rocky Robot is back, and this time he is telling some of his robot jokes. This program by Sam Moore is hilarious, and can be enjoyed by the entire family.
- 2162 AC/DC**
A graphic record cover from the rock group's Back in the Black album.
- 2163 Mirrors**
Watch as colored lines present a mirrored effect on your screen.
- 2164 TP Bargraph** (Ex. Basic Req.)
Using this program, you are able to create depictive bargraph printouts using the T.I. Thermal Printer.
- 2165 Starfield**
This program is primarily designed as a programming aid, although it will run on its own. The program can be used as a screen background for 'space games'. It will run in Basic or Extended Basic. Extended Basic adds some motion to the background.

2166 Speech Generation (T.E. II).

This program allows five different functions when used with the TE II. It allows you to try 3 test phrases, decode and display all allophones in a phrase, enter alphon by alphon, alphon data statement reader program, and singing voice program.

2167 Caboose (Graphics, Speech Syn., T.E. II)

Tells the story of the little red caboose, and displays train, words, and Rocky Robot is the story teller.

2168 Kwik-Draw (Graphics, Ex. Basic, Joysticks Req.)

Create multi-colored abstract designs. A little short on instructions, but great fun when you get the hang of it. Similar to the T.I. Command Module Video Graphs, this program is designed to run on the 99/4A only.

2169 Kaleidoscope (Graphics)

This program produces bright colored kaleidoscope patterns. A nice mood program. This program differs from other kaleidoscope programs listed.

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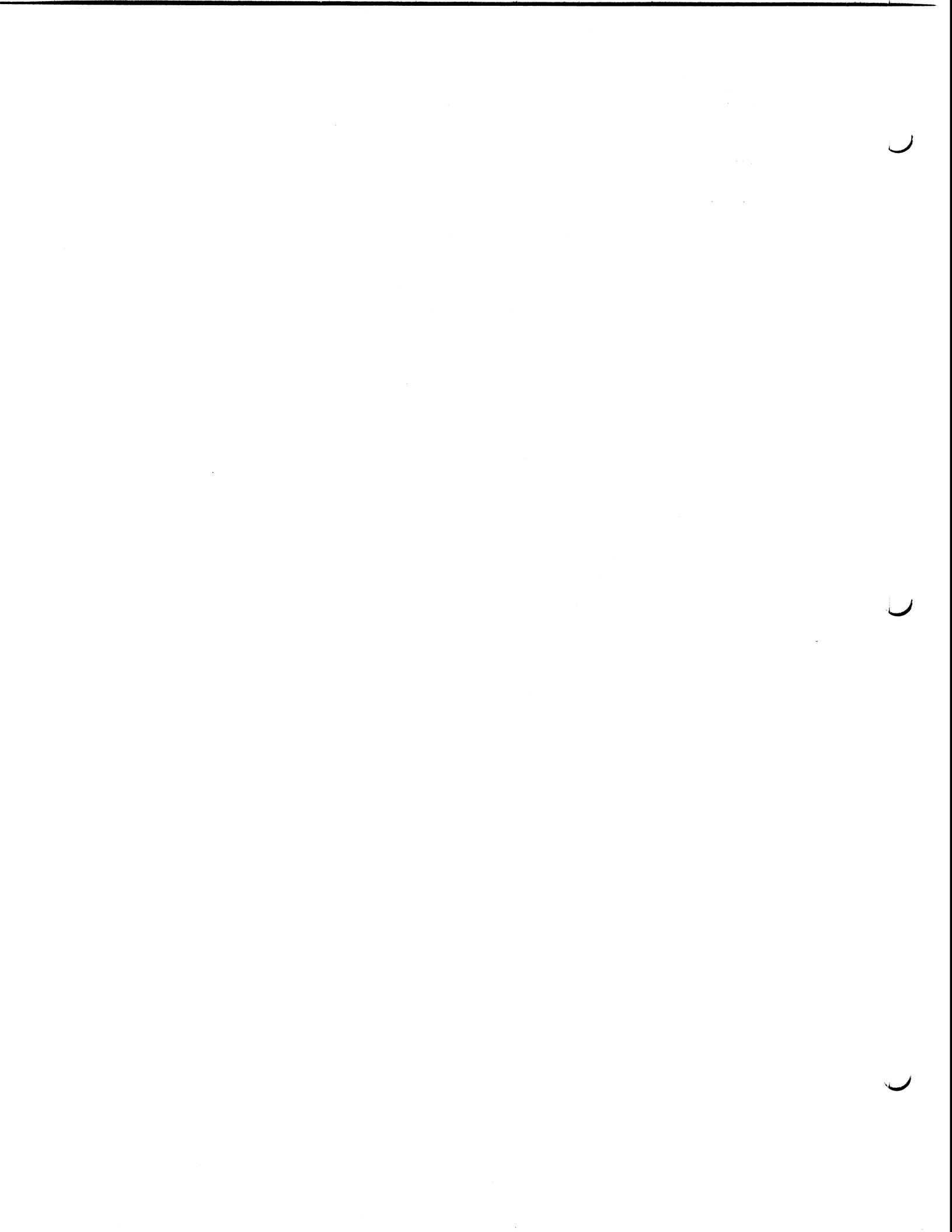
- 3200 Godfather** (Graphics)
Theme from the motion picture of the same name. Excellent graphics.
- 3201 Strauss**
"Tales From The Vienna Woods" done in classical fashion.
- 3202 Music Demo I**
A snappy little tune and a great example of the musical capabilities of the 99/4
- 3203 Bach #3 Minuet**
Very enjoyable listening.
- 3204 Bach's Minuet in B Flat**
The title tells it all.
- **3205 Rhythm** (Graphics)
A great learning tool with colorful graphics. Guess the position and duration of notes and rests. Up to 10 persons can play.
- 3206 Andante** (For use with T.I. Module Music Maker)
This tune is easily recognized
- 3207 Fughetta** (For use with T.I. Module Music Maker)
This G.F. Handel melody adds another classic to your list.
- 3208 America The Beautiful**
Words and music to this song.
- 3209 Bach**
Bach's Praeludim II. This program allows you to change the bet of this score. An excellent programming effort!
- 3210 Mash** (Graphics)
The theme song from Mash.
- 3211 Musical Scale**
This program sets up a limited keyboard that will display the notes on the screen as you play them.
- 3212 Musical Key**
Allows the user to creat melody and harmony using the keyboard.
- 3213 The Sting**
Theme song from the Sting. One of our better musical programs.
- 3214 Sweetheart** (Graphics)
The all time favorite Let Me Call You Sweetheart.
- 3215 Bewitched**
An enchanting musical standard by Rogers and Hart.
- 3216 Intervals** (Tape Only-Graphics)
High educational value! This musical skill training program teaches the different intervals in a musical scale. Detailed instructions begin the program.
- 3217 Music Demo #2**
A "Boogie Woogie" tempo, computer original!

- 3218 Music Demo #3**
A dainty music box type melody!
- 3219 Sweetheart Tree (Graphics)**
A stroll down the lane to the old sweetheart tree where we can carve our initials for all to see.
- 3220 Song (Graphics)**
A simple question by the computer will give you an amusing answer and result.
- 3221 Yesterday (Graphics)**
Paul McCartney's song yesterday with a scenario and words on the screen A GREAT programming job!
- 3222 Raindrops (Graphics)**
A good program for small children with some educational value.
- 3223 Never on Sunday**
A fantastic programming job here! A time the entire family will enjoy.
- 3224 Theme From Dallas**
A very well written rendition of the music from this popular T.V. drama.
- 3225 Fiddler On The Roof (Tape Only)**
Programmed by two N.C. High School students. This medly of tunes are sure to please you.
- 3226 Fiddler On The Roof (Graphics-Disk Only)**
This animated graphic program of the fiddler playing on the roof top contains some of the best graphic and music programming techniques we have seen. An outstanding program.
- 3227 My Elusive Dreams (Graphics-Tape Only)**
While showing the various states that the song sings of graphically, the computer plays this hit song of the 60's.
- 3228 Player Piano (Graphics)**
Watch as the keys on the piano move in rhythm with two of the Beatles hit songs. And I Love Her/I'll Get You.
- 3229 Bach Mini Concert**
Several of J.S.B. better known works in one program. Many hours of effort and thought went into this program. Minuet in G minor, Musette in D, and Little Prelude in F.
- 3230 Invention In F**
By allowing the user to set the speed of play and volume, Bach's music becomes all the more interesting.
- 3231 Music Box Dancer**
Another one of the Charles Ehninger's master programming accomplishments. Turn your 99/4 into a wonderful music box.
- 3232 Organ**
This program turns the keys of your console into an organ which will show you the notes you play. Includes C# through D.
- 3233 Penny Lane**
The old John Lennon hit Penny Lane played by your 99/4.

- 3234 Spagnoletto**
This little duet comes to us from one of our users in England. A snappy little tune which you will enjoy.
- 3235 Michael's Theme**
Another theme submitted by one of our group in the United Kingdom. Very well done.
- 3236 Music Maker (Limited Graphics)**
By changing data statements you can produce your own music and watch it projected on a scale. Fun for hours.
- 3237 Star Trek**
A very well written rendition of the theme song from the movie Star Trek.
- 3238 Christmas Music (Graphics-Tape Only)**
Several of the all time Christmas songs on one tape. A very good programming job.
- 3239 Alley Cat**
Another hit song of the 60's.
- 3240 Adventures Of Ivan**
A haunting meoldy is played by the 99/4.
- *3241 Days Of Christmas**
Words and music to the Twelve Days of Christmas.
- 3242 Star Wars**
Excellent theme music from the Star Wars movie!
- 3243 12 Days Of Christmas**
Words and music to the Twelve Days of Christmas.
- 3244 Looking Through You**
Another one of the John Lennon hits of the 60's.
- *3245 Sonata in 'C' Major (Extended Basic)**
Watch as notes fly across staffs on your screen while this snappy tune is playing.
- *3246 Album-Leaf (Extended Basic)**
A great programming job on this Kirchner tune.
- *3247 Forest Roses (Extended Basic)**
Roses, Roses and more Roses dance around the screen as the song Forest Roses plays in the background.
- *3248 Dog Gone Boogie-Woogie**
A boogie-woogie version of "Where oh Where has my little Dog Gone". An excellent program.
- *3249 Dog Gone Boogie-Woogie (Extended Basic)**
The same program as above but with a few sprite surprises thrown in.
- *3250 Berceuse (Extended Basic)**
Sprites move and change as this melody is played by your 99/4.
- *3251 Rainbow Connection (Extended Basic)**
One of the wonderful songs from the Muppet Movie.
- *3252 Give A Little Whistle (Extended Basic)**
A snappy little tune we are sure the entire family will enjoy.

- 3253 Swinging Shepherd Blues** (Graphics)
A memorable tune of the 60's played by your 99/4A. An outstanding programming job.
- ***3254 Bugle Boogie** (Extended Basic)
Sprites defined as bugles dance across your screen as this beat tune is played.
- ***3255 Witches Dance** (Extended Basic)
E.A. Mac Dowells Witches Dance comes to life when played by your 99/4.
- ***3256 Beethovens 5TH** (Tape Only)
Ludwig at his best! Beautiful music played by the 99/4.
- ***3257 In The Mil** (Extended Basic, Graphics)
Another of Sam Moores' classic musical renditions. A sheer delight to listen to.
- 3258 Killing Me Softly** (Extended Basic, Graphics)
An excellent rendition of the Roberta Flack hit of the '70's. Very impressive graphics. Words are included for a sing-a-long.
- 3259 Hark The Herald Angels**
Words and music to this Christmas favorite.
- 3260 Guitar** (Extended Basic, Graphics)
Watch the guitarman play his tune in animated graphics.
- 3261 With Love In My Heart** (Extended Basic Graphics)
Based on Chopin's OP 10 #3, this light tune is brought to life by your 99/4.
- 3262 Moonlight** (Extended Basic, Graphics)
A great Sam Moore music program. Beethoven's OP 27, No. 2 sonata Quas; Easy listening and GREAT Graphic Effects.
- 3263 Time In A Bottle** (Extended Basic-Disk ONLY)
A haunting melody programmed to PERFECTION. 3-D Graphics add a special touch to this wonderfully mellow tune.
- 3264 Amazing Grace** (Extended Basic-Disk ONLY - Graphics)
The old country church appears on your 99/4 screen as the ever popular hymn "Amazing Grace" plays in the background.
- 3265 You Light Up My Life** (Extended Basic-Disk ONLY - Graphics)
This smash hit made popular by Debbie Boone, can now be played on the 99/4. A SUPERB Programming job.
- 3266 Bumble-Boogie** (Graphics)
This jazzed version of "Flight of the Bumble Bee" is a sheer delight. Great Basic programming by Sam More, Jr.
- 3267 Stairway To Heaven**
A Chuck Lyman program of the Led Zeppelin's hit song.
- 3268 Aquarius**
The "Age of Aquarius" is played in flute-like notes, while colorful abstract designs are created in time to music.
- 3269 Morning** (Ex. Basic Req.)
"Morning Has Broken" plays sweetly while sailboats grace your screen. Seagulls fly unhurridely in cloud-graced skies, and the sun slowly rises. One of Sam Moore's best.

- 3270 Music Terms Quiz**
The computer will give you a music term and offer several choices for an answer. You must give the proper answer, and the computer will ask another.
- 3271 Prelude**
A very dramatic test of the 99/4's ability to generate beautiful music.
- 3272 OP-23** (Ex. Basic Req., Graphics)
A snappy little Operetta performed on the 99/4 console, which will thrill and amaze the entire family!
- 3273 Guitar Tuner**
A simple program that will help you tune your guitar to perfection.
- 3274 Music Maker** (Tape Only)
Lets you compose and edit your own musical creations. It will store your masterpieces on tape for later replay. By modifying DIM statements, program can be used with a disk system. An excellent program that all music lovers should have.
- 3275 Sound Generator**
Your T.I. computer is capable of making an almost endless variety of special effect sounds. The purpose of this program is to help you find just the right sound for your special effect.
- 3276 Boogie Oogie Oogie** (Ex. Basic Req., Graphics)
Another one of Sam Moore's musical programs with vivid graphics, this tune has a real upbeat tempo.
- 3277 Beethoven's 9th Symphony**
The haunting melody of Beethoven's 9th symphony is brought to life by your 99/4.
- 3278 Bunny Music** (Graphics)
A pretty bunny is displayed while a simple tune plays.
- 3279 Waltz**
Plays beautiful waltz to the tempo that you select.
- 3280 Instrument Tuner**
An electronic tuning fork for precise instrument tuning. An excellent program for all musicians.



EDUCATIONAL

- 4300 **Clock** (Graphics)
You'll have to see this program to believe it. It turns your 99/4 into a digital clock. The display is in the center of the screen in easy to read 4" numerals.
- 4301 **Color Crayon** (Exceptional Graphics)
Draw your own creations on the screen and then save them on tape for future use.
- 4302 **Vocabulary Test**
A great program, for the High School or College student, which asks you to define words, meanings.
- 4303 **Time Clock** (Graphics)
Pre-school lesson in telling time.
- 4304 **Sigma**
This program adds all integers from a minimum to a maximum number.
- 4305 **Addition Test**
Elementary Level Addition Math Test
- 4306 **Calendar** (Graphics)
A calendar for any year, by month, from your 99/4 terminal.
- 4307 **Large Characters**
A programming aid that enlarges the screen print. Great for programming children's games.
- 4308 **Flags** (Graphics-Speech Required)
Learn the flags of 10 different nations with this delightful educational program.
- 4309 **Math Test** (Speech Required)
Great for all ages. You will add, subtract, divide and multiply with the best of them after using this test.
- 4310 **Math Test n/s**
The same program as above but written to run without speech.
- 4311 **File** (Printer Suggested)
Several math problems and graphic plots all in one program.
- 4312 **German**
Using data statements program your 99/4 to translate and teach you German.
- 4313 **Morse Code** (Sound)
Learn Morse Code the easy with your 00/4. The ideal program for the Boy Scout in the house.
- 4314 **Spanish Translator**
By the use of data statements translate Spanish to English. A GREAT learning tool.
- 4315 **Tense** (Graphics)
One of our most enjoyable programs. Learn the past tense of many words as they come up in ridiculous sentences on your screen. A must for school age children.
- 4316 **Triangle**
Find out what the degrees of all sides are.

- 4317 **Biorhythms (Graphics)**
We think this is the best of several biorhythms we have received.
- 4318 ✓ **Alpha**
A simple program that is good for pre-school children.
- 4319 **Color Math (Graphics)**
This elementary and secondary school math test is fantastic! A great learning tool.
- 4320 **Fractions**
Adds, subtracts, multiplies and divides decimals and converts numbers to fractions.
- 4321 **Grading System**
This program is a must for teachers. Based on three elements find a student or an average grade for the entire class.
- 4322 **Spell**
One of the better educational programs. The object is to make as long a word as possible with the letters the computer generates.
- 4323 **Wordtotal**
A great educational game. The computer picks a target number and you must think of a word that can reach the total. Up to four players.
- 4324 **Trade (Tape Only)**
A program that allows the user to track players on trading cards. You can then store and retrieve this information.
- 4325 **Day**
Find the day of the week that any day in any year after 1725 falls on by using this program.
- 4326 **Biorhythms (Printer)**
Using the T.I. terminal printer you can get a printout of your daily biorhythms.
- 4327 **Precious Metals Conversion**
By setting the fix price on precious metals find out what your gold and silver coins are worth on a daily basis.
- 4328 **Time and Speed**
This is a time and speed test which will sharpen your math and reasoning skills.
- 4329 **Least Square**
This program will correlate four curves!
- 4330 **Resistor Test (Graphics)**
This fantastic program tests the users knowledge of the color codes and resistors. A very well thought out program of real educational value.
- *~~4331~~ **Confirmation Exercise** *Master tape destroyed by accident*
A unique program written as a confirmation exercise for the Episcopal Church.
- 4332 **Bible Books**
This program tests your ability to name the books of the old and new Testament in exact order.
- 4333 **Career File Index**
This program lists several career opportunities and lists things like salary range, advantages, disadvantages, travel, etc. An excellent program for High School career counseling.

- 4334 **Presidents II**
This program tests your ability to name all the Presidents of the U.S. in order of term of office. Other information on each President is also available.
- 4335 **Capitals (Graphics)**
This program tests your knowledge of the capital cities of all of our 50 states. You start with 100 points and lose 1 point for each incorrect answer. An excellent program.
- 4336 **States**
From the computer menu select information on states, including alphabetical order, capitals, largest city, and popular names.
- 4337 ✓ **Lower Case Convert**
A great program for the pre-school child. The computer shows you a lower case letter on the screen and the student must type in the same letter from the keyboard.
- 4338 **Word Game 22 (Graphics-Tape Only)**
This program is aimed at building your word power. Pick the number of words and difficulty level. The computer rates your performance. Program is High School and College level.
- 4339 **Name and Number**
This program will give you numeric equivalence of the letters in any game or word.
- 4340 **Math Tutor**
A math practice drill with your choice of addition, subtraction, multiplication, or division. It allows you to enter upper and lower number limits. An excellent program.
- 4341 ✓ **First Addition (Graphics)**
An excellent program for the pre-schooler. Addition numbers are numeric and graphically displayed for easy computing.
- 4342 **Spelling 'B' (Speech Optional)**
As words flash on the screen for short period of time you must remember what they are then spell them correctly.
- 4343 **True-False Test**
This is all you need to make up your own True/False test. Great for any type of T or F testing.
- 4344 **Multiple Choice Test**
Enter your own questions and answers for any type of multiple choice testing.
- 4345 **Match The Answer Test**
Basic program that allows you to enter the answers then ask the student to pick the correct one. Wonderful program.
- 4346 **Call Key**
This program will define almost all the keys on the keyboard with the number value that T.I. assigns it. A must for all programmers.
- 4347 **Days Between Dates**
Program calculates the number of days between 2 given dates.
- 4348 **Spelling Test (Tape Only-Printer Required)**
An excellent program that allows you to enter a child's spelling words on tape then turn the computer over to them to test their skills.

- 4349 **Word Syllables** (Tape Only-Printer Required)
Similar to the Spelling Test program except that we use syllables.
- 4350 **World Flags** (Tape Only)
A very good program which depicts the flags of 29 nations. Test your skills of memory and recognition.
- 4351 **Complete Square**
The program is a tutorial which asks you to give the best answer to questions regarding completing a square using quadratic equations. A must for the High School Algebra student.
- 4352 **Spelldown** (Graphics-Tape Only)
A very professional program of now you see it, now you don't spelling words. Up to 4 Players can participate. For ages 6 to 16.
- 4353 **Solar** (Graphics)
Programmed by John Priser in Arizona; this program graphically displays the movement of the planets from dates you give the computer. An excellent learning tool.
- 4354 **Divide**
Need to divide some numbers? Here is the program for you. It will divide any number you wish with as many decimal places as desired.
- 4355 **Test-Tube**
This computer game is to test your knowledge in the area of Chemistry. Story problems are given in pressure, temperature, and molecular structure. Perfect for the High School and College chemist.
- 4356 **Georgian Calendar**
Will convert Julian days to Georgian calendar. Fun program.
- 4357 **Trinomial** (Cassette Tape Only)
Brush up on your factoring with this beauty. For first and second year Algebra students.
- 4358 **System**
Solution and graph of a system of equation of a line in the form $AX + BY = C$. Another perfect program for the first year Algebra student.
- 4359 **Color Fractions** (Graphics)
One of the best educational programs we have seen. Great for teaching elementary uses of fractions. Highly colorful. Excellent!
- 4360 **Flags of Nations** (Graphics & Music-Tape Only)
This excellent program asks you to name the flags of several different nations but will give you a clue in showing you where the country is located on a world map. A fantastic programming job.
- 4361 **Facts of Life**
A simple little program that will tell you, your exact age, approximately how long you have slept, eaten, relaxed, and when you can retire.
- *4362 **Draw** (Graphics)
This program teaches a pre-school child, up down, left, and right and draws either a picture of a man or a truck. An excellent program!
- *4363 **Elementary Arithmetic** (Graphics)
Another great pre-school program with 3 different lessons, counting, addition, and subtraction. Good programming here!

- *4364 **Speed Reading** (Tape Only)
An excellent program that will increase peripheral vision and ability to read word groups. You are able to select 10 different levels of difficulty. A wonderful program.
- *4365 **Aerodynamics**
Ever wonder what makes an airplane fly? This tutorial program teaches the effects of lift, drag, and gravity. An excellent program for the Jr. High School student.
- *4366 **Guess The Letter**
A good program for pre-schoolers. Computer chooses a letter and you try to guess it.
- *4367 **FingerSpelling** (Graphics)
Learn the American Sign Language Alphabet and numbers with this well thought out program. The program has 3 options, Keyboard Signs, Reading Signs, and Sign File. Very educational!
- *4368 **Relative I.Q. Test** (Extended Basic)
Want to test your I.Q. against questions supplied by your 99/4? Here's your chance with a great little program. Suggested for ages 14 and older. To conceal the answers the program is protected.
- *4369 **Algebra**
Algebra of a single variable is a must for the High School or College student. An excellent program which is well thought out as a teaching program.
- *4370 **Bowling Math** (Extended Basic, Joysticks Required, Speech)
Bowling Math is both a game and an educational program. You must position your player then roll the bowling ball. After counting your pins you must then correctly add your score.
- *4371 **Change**
An excellent small program that will tell you what change to give in return for any item purchased up to \$100.
- (see 4350) *4372 **Spatial Relations** (Speech, Graphics)
A program designed to teach a pre-schooler up-down, left-right. A very good teaching tool.
- 4373 **Catapult** (Graphics)
A very well thought out program in which you must solve basic physics problems. The object is to judge the trajectory of an object being fired from a catapult to either a stationary or falling target. Very good graphics!!
- 4374 **Projectile Problems** (Graphics)
Another program that deals with basic physics equations. Choose from 4 different situation levels. Excellent graphic presentation.
- 4375 **Metrics Class** (Extended Basic Speech Required)
A test situation that asks the user to decide whether standard weights and measurements are greater than or less than given metric figures.
- 4376 **Fireball** (Extended Basic, Speech Required, Graphics)
A wonderful program that all 99/4 owners will enjoy. You must match your math skill and hand/eye coordination against the computer in order to save your city from being destroyed. This is one of the best Extended Basic Programs we have seen.
- 4377 **Grading System** (Extended Basic)
Enter any number of students names and grades and let the computer give you the class average. A very good program for teachers and students who want to track grade averages.

4378 Country Guess

Hidden letters are revealed to form the names of several countries.

4379 State Capitols (Extended Basic Graphics)

A quiz on the capitols of all 50 states. A very well thought out program as well as being very educational.

4380 Friction (Graphics)

Excellent graphics show frictions effects as you are quized to solve the basic physics problem that the program asks.

4381 Jr. High Math Drill

A geometry and algebra math tutor. A very good program for the freshman math student. Gives right answers if you don't.

4382 Testing (Tape ONLY)

This program allows you to create, store or take tests. Load your own questions and answers. A great educational program.

4383 States Quiz (Extended Basic)

A new menu driven quiz on our 50 states. Program includes information on states, alphabetical order, capitols, largest cities and popular names. A great program for the geography and history student.

4384 Speak Spell Flash (TE II and SPEECH REQUIRED)

NOTE: This is a series of 5 programs and each must be ordered separately. One of the best educational tools in our software library. These programs flash a word on the screen then speak the word and ask the student to type it into the computer correctly. Each of the 5 programs contain between 75 and 100 words each and can be easily modified by the owner who has little or no programming experience.

PROGRAM # 1 - contains 2 and 3 letter words.

PROGRAM # 2 - contains 3 and 4 letter words and so on up to

PROGRAM # 5 - which contains 6 and 7 letter words.

Please order using this program number and a "/" to indicate 4383/# 1, 4384/# 2, 4383/# 3, 4383/# 5.

4385 Aerodynamics II

A continuation of program #4365. This lesson deals with Lift, Gravity, Drag and Thrust. Well written and very informative.

4386 Baseball Math (Graphics)

An excellent basic program for ages 12 and under. If you solve the problem correctly, you can advance your runners; miss, and you will register an out.

3287 Trigonomic Solution of Triangles (99/4A Only)

Analyze either right or oblique triangles. An excellent program that can be used in many applications.

4388 Word Teacher (TE-II, Speech Synthesizer Req.)

The computer helps you learn simple words and how they are structured. An excellent program for ages 4-6.

4389 Math Race

A great program for learning addition and subtraction Five levels of play make this fun for the entire family.

4390 Math Aid (Ex. Basic Req.)

Computes area of triangles, figures averages, solves quadratic equations.

4391 Grade Book (Ex. Basic Req., 99/4A Only)

An excellent grade averaging program, which allows you to input course number, semester year, course title, and track records for up to fifty students. The program allows for weighted or unweighted grades, and is ideal for most teachers.

4392 Happy Seal (T.E. II, Speech Syn. Req.)

Spelling drill by computer. Any word can be entered. Mistakes are remembered and redrilled. This is one of the best educational programs we have seen for elementary school children. An excellent programming job by Sam Bryan.

4393 Chemistry Test

You will be given the symbol for an element, they will occur in alphabetical order. You must give the element and spell it correctly. At the end of the quiz you will be given your score.

4394 Russian Typewriter

Practice your Russian with this program. It turns your 99/4 into a Russian language typewriter and displays its alphabet on the screen.

4395 Spanish Math Quiz

A Spanish math tutor which teaches addition, subtraction, multiplication, and division.

4396 Piggy Bank (Graphics, T.E. II Req., Tape Only)

An excellent program for teaching children the value of saving money, as well as teaching them how to count it.

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BUSINESS AND PROFESSIONAL

- 5400 Financial Math**
We think this is our best program for working with interests or annuities.
- 5401 Factorial**
This program computes the factor of any positive integer up to 85.
- 5402 Receipt Expense (Printer Required)**
By using data statements you can file your receipt expenses on tape or disk.
- 5403 Derivative of Functon**
L. Pool and M. Borchers basic programs for your 99/4.
- 5404 Linear Regression**
Another Poole program.
- 5405 Number Convert**
Convert decimal numbers of fewer than 7 digits. Others up to base 32.
- 5406 Addresses (Disk Systems Only Printer Optional)**
File hundreds of names, addresses and phone numbers on a single disk.
- 5407 Checkbook #1 (Tape Only)**
A checkbook record keeping system that you can save to tape. Excellent programming job.
- 5408 Estate (Printer Required)**
This program does securities. Evaluation for estate tax purposes. A must for attorneys.
- 5409 Stock Records (Printer Required)**
List transactions, holdings and the P/L on a stock. This program uses data statements for storage.
- 5410 Sandwich Shop**
This money handling program could be adapted to any retail business.
- 5411 Stock Trend and Reports (Thermal Printer Required-Disk System Only)**
A very professional programming job. Anyone who has a disk system needs this one.
- 5412 Thermal Printer Test**
This program will test your T.I. Thermal Printer.
- 5413 Ham File (Printer Optional)**
A file that searches by name or call sign for amateur radio operators. It also has a sort feature.
- 5414 P.E.R.T.**
Program Evaluation and Review Technique. This program evaluates job completion times.
- 5415 C.P.M.**
Critical Path Method. Used in conjunction with the P.E.R.T. program.
- 5416 Auto Expenses (Tape Only)**
This program tracks ongoing auto expenses for up to 3 cars. Data can then be saved on tape.
- 5417 Handicapper**
A program that helps in handicapping the ponies at the track.

- 5418 **Word Processing** (Printer Suggested)
Allows upper and lower case and editing features. Adaptable to most printers.
- 5419 **Most anything you need to know regarding loans.**
- 5420 **Conversions**
This program will convert all metric functions.
- 5421 **Check Sort**
By listing checks in data statements you can sort by number alphabet or amount.
- 5422 **Sorts**
Program produces a normal distribution sample of up to 1500 positive integers according to your demands.
- **5423 **Amortization Schedule**
Gives interest and principals for any loan.
- 5424 **Annuities**
Gives future values of regular deposit annuities.
- 5425 **Conventional Loan Analysis** (Printer Required)
You input the interest insurance etc. then get a printed copy. An outstanding program.
- 5426 **House Inventory**
Use data statements to inventory your household goods.
- 5427 **Conventional Step Loan** (Speech Required)
Use this program to set facts on a step loan.
- 5428 **Depreciation Schedule**
This is all you need to depreciate anything.
- 5429 **House Cost** (Speech Required)
Program helps you design a house then cost it.
- 5430 **Installment Payments**
Figure what installment payments are to be.
- 5431 **Stock Transactions**
Use data statements to track stocks. An excellent program.
- 5432 **Check Book Balance**
The easy way to balance your checkbook.
- 5433 **Logg**
This program makes logarhythms simple.
- 5434 **Records** (Disk Only)
Program offers many search features and can be used as an accounts receivable program.
- 5435 **Chisquare**
This is a great chisquare program.
- 5436 **Interest Projector**
Project interest on any amount.
- 5437 **1040 Form** (Printer Suggested-On Tape Only)
This program completes form 1040 and sched. A, B, and D.

- 5438 **Alpha Numeric**
This program can be used by itself or as a part of a larger program. It will sort any set of names or letters alphabetically.
- 5439 **Xmas-List (Graphics and Music)**
By using data statements keep an accurate record of your Christmas card list.
- 5440 **Compare**
Compares prices of similar products from different manufacturers and computes the percentage difference.
- 5441 **Comapre/PTR (Printer Required)**
The same as the compare program but will allow the use of a printer.
- 5442 **Decisions**
By assigning different weights and values this program makes decision-making a snap!
- 5444 **Deductions (Printer Required)**
A program that allows a printed record of standard tax deductions. A terrific time-saver!
- 5445 **Directory**
A good programming job on this one! By using data statements store useful information in directory form.
- 5446 **Income/Ave. (Printr Required)**
This program prints and records all information pertaining to income and expenses, then it will compute all figures for tax purposes.
- 5447 **Instpmt.**
Computes installment payments for any asset purchased.
- 5448 **Inv-Value**
Will compute the future value for any investment purchased.
- 5449 **Invest?**
Super program for computing investment decisions. Analysis given investment with or without capital gain; computes the tax on investment and gross profit while giving consideration for the inflation rate.
- 5450 **Med-Expense**
Program keeps a running total on all medical expenses incurred in a year. Convenient around tax time.
- 5451 **Pulmonary Test**
Excellent program for computing pulmonary functions of patients in both industrial or non-industrial climates.
- 5452 **Statement (Printer Required)**
Using an RS232 type printer you can design and print business statements.
- 5453 **Profitmix**
A complex math matrix which does meats costing for a meat processing plant. Could be adapted for other uses.
- 5454 **Data Base #1**
Includes loans, CCI and a checkbook balance.
- 5455 **Home Budgeting (Printer Suggested)**
This program tracks household budget items then gives a printed result.

- 5456 Fuzzy Decision Making**
Another decision making program that allows you to weigh the importance of hard to reach decisions. A well thought out program.
- 5457 Master Index (Speech Required-Printer Suggested)**
The author of this program uses data statements to store his software library. A good program to use for this purpose.
- 5458 ? Pay**
What is your time worth? Enter your base salary for a whole week and learn what your time is really worth.
- **5460 Life Expectancy**
Do you wish to see how long you will live? Get this one and find out.
- 5461 EQN**
This program solves a set of simultaneous equations. Great for High School or College algebra students.
- 5462 Financial Planning Helps**
An excellent program which includes, compounding on deposits or lump sums, monthly accumulation, and annuitized retirement plan.
- 5463 Flight Plan**
A must for all of you aviation buffs. Set your longitude and latitude, air speed, wind, and learn all the facts.
- 5464 The Church Treasurer**
By using data statements in this program a church treasurer can track monthly disbursements, in five broad categories. A good program!
- 5465 Record File (Disk Only)**
With the use of a data disk, store many different name and address files with other pertinent information. A great program to learn file handling from one type written page of instructions is included.
- *5466 Trend Line Analysis**
This program calculates the slope of values you input for tracking stocks, bonds or commodities. You can store the values in a file, and optionally list the array contents or slope values on a printer. A very well thought out program.
- 5467 Mail List CND #3 (Disk Only)**
Using the Texas Instruments disk based mail list program, you can see the data as it is being condensed and sorted.
- 5468 Mail List Search-Print (Disk)**
For use with T.I. mail list program. You can search a name then immediately print a label. An excellent tool for those of you who use the mail list.
- 5469 Print Right**
Having trouble lining up your decimal points? Then here is a great little sub-routine for you.
- 5470 Doctors Billing System (Printer Required)**
Can be adapted to almost any doctor or dentist office. The program offers a printed statement for all services rendered and presents the patient with current and total charges.
- *5471 Labels (Printer Required)**
Using an RS232 type printer make your own personalized mailing or shipping labels.

- 5472 Interest Projector**
By using a given date and amount, this program projects interest on either a simple or compounded basis.
- 5473 Regression** (Tape Only)
This program provides simple linear regression, multiple linear regression, DTN-order regression, Geometric regression Exponential regression. A very well written program and most useful.
- 5474 Loan Trend Analysis** (Extended Basic)
An excellent program dealing with loans and interest options.
- 5475 Employee Pay Chart**
Enter employees name, hours worked, hourly rate and the proper percentages for State, Federal and FICA withholding, and the computer will figure the required deductions to be made.
- 5476 Statement Analysis**
From any corporate financial statement you can use this program to check on it's financial health. A very good program that goes into some depth.
- 5477 Operational Costs**
Designed for a person who has investment property. Feed in mortgage cost, insurance and other expenditures to inform as to actual operational costs.
- 5478 Costing**
Enter overhead costs, enter all fixed and any variable costs. The computer will complete job costing for you. Could use some instructions.
- 5479 Financial Ratio**
A simple program to compute current ratio, acid test, net profits on sales, investments, etc. Also helpful in critiquing your investment turnover and return on investments.
- 5480 Investment Calculator**
An excellent program that calculates 8 different financial sets. Future value, investments, loan balance, loan term and your amortization schedule.
- 5481 Expense Account**
Allows in-put of all daily business expenses. Then gives a weekly summary and totals. A good program that with a little work could be a great one.
- 5482 General Inventory** (Disk Only)
Stores up to 200 items. Tracks item number, description, number on hand, cost, location, class, and selling price. A real bargain at \$3.00 or on exchange.
- 5483 Breakeven** (Ex. Basic Req.)
Enter variable and fixed costs, and computer will calculate total costs and breakeven quantity. Good instructions.
- 5484 Columnar Pad** (Ex. Basic, Printer Req.)
This program reproduces a columnar pad with a descriptive column and seven numerical columns. A very useful program for many business situations.
- 5485 Expense Reporter**
This program will figure your business expenses for an entire week. A day-by-day, item-by-item prompting insures you'll get all that's coming to you.

5486 Stock Commission (Ex. Basic Req., Graphics)

A well done program that estimates commissions and determines stock gains and losses.

5487 Pay Check (Ex. Basic Req.)

A very indepth check handling and analysis program. Very useful to anyone who is self-employed or anyone who would like to keep accurate records of their pay statements.

ENGINEERING

6001 Mohr's Circle

This program is used to find stress shafts, beams, etc. This can be used in both mechanical and civil engineering.

6002 FFTA 256 FFT point program.

Input required 256 real quantities in the time domain. Output consists of 128 points in the frequency domain between 0 hz and $\frac{1}{2}$ the sample data rate (hz).

6003 Antenna

This program is based on the phase-vector summation of ideal halfway dipoles as seen from a great distance. This program allows you to see a good representation of the approximate field pattern.

6004 Data Forecasting Divergence

Simple program that delivers total errors, total absolute errors, squared errors, mean errors, etc.

6005 Temperature Conversion

Converts any temperature to fahrenheit, celcius, reamur, kelving, or rankine.

6006 Black Body

By inputting temperature, wavelength, and increments of wavelength you can find the radiant emittance of watts/cm².

***6007 Circuits**

This program computes the total resistance of both series and parallel resistance circuits.

***6008 Stats**

This program will calculate basic statistics - sample, size, mean, standard deviation, and estimated percent high and low of the population. The 3-sigma limits, the 6-sigma spread, the 8-sigma spread and if you have a printer it will plot your histogram.

***6009 Electronics**

This program supplies several useful functions. Resistors in parallel, condenses in series, resonant frequency, frequency and wavelength. Ohm's law and antenna design.

6010 AMP Circuits (Graphics)

For 99/4 ONLY. You are asked to input the desired closed loop gain and the maximum desired frequency. The computer will then design a circuit using the popular 301A integrated circuit, and specifications of the circuit will be calculated. Excellent graphics usage!!

6011 3-D Plot (Extended Basic)

Extremely slow but EFFICIENT. Define the function you wish in line 5, and watch the computer go to work.

6012 Bore

This program calculates an orifice bore diameter for a specified pressure drop in a given liquid pipe flow.

6013 Cross Correlation for Curves (Ex. Basic)

This program does a cross correlation between two given curves through use of the least-square method.

6014 Harmonic Curve Fitting (Ex. Basic)

Program performs a fourier analysis on a set of input prints representing a set of cyclic curves.

6015 Crossover Network

This program calculates the inductor and capacitor values -6db or -12db per octave for 2-way speaker crossover network.

6016 Alternator & Transformers (Ex. Basic)

Computes % voltage regulation for transformers or three phase alternators.

6017 Matrix

This program allows you to manipulate rows of a matrix when performing Gauss-Jordan eliminations.

6018 Curve/Fit (Ex. Basic)

This program will interpolate intermediate data points from cartesian coordinates you input, and optionally plot them on your screen. Higher mathematical knowledge desirable.

6019 AC/VOLT

This program converts between peak, effective, and average voltages.

6020 AMP-Circuits (99/4A Only)

Computer aided amplifier design using the 301A JC. Enter frequency response and gain. The computer "draws" the schematic diagram, computes component values, and figures tolerances.

6021 Power

Inputs your power supply and filter specifications and determines component values.

6022 React

Performs numerous calculations dealing with reactive circuit components.

HOME IDEAS

- 7001 **Buy or Rent?**
A helpful program that is good in decision making when you don't know whether to buy or rent something.
- 7002 **Credit Card Mgt. (Tape Only)**
Keep track of your credit card charges with this program. It allows you to enter a new account, display or update, list all accounts and you may save or retrieve from your own data tape.
- 7003 **Family Tree**
By the use of data statements at the end of this program you can track past and present family history. A search feature allows easy access to all files.
- 7004 **Lists (Tape Only)**
An excellent program to store lists of birthdays, things to do, or other information either by use of data statements or cassette input. A must for every household.
- 7005 **Records and Listings**
This is a two-part program with the first being comprehensive instructions. Use this program to store many different lists and records. A very good program.
- 7006 **Mailing List (Tape Only)**
One of the best cassette based we have seen. It will add, delete, search, and update names.
- 7007 **Diet Manager (Disk Only)**
In this disk only program you create files to track weight control. An excellent program.
- 7008 **Household Budgeting**
An excellent program to track your monthly income and outlay. Several screen prompts cover all household items.
- 7009 **Kitchen Aids 1&2 (Tape Only)**
A two part program that converts measures for recipes. An excellent program.
- *7010 **Home Package**
This 3 part program does value appraisals, mortgage amortization and buy/rent comparisons. A very well written program that is a must for all Homeowners.
- *7011 **Eats**
By use of data statements in this program you can pick the type of restaurant you wish to eat at, the type of Entree, the price and the location. A very helpful program.
- *7012 **Loan Comp**
A very helpful program that compiles loans by interest, years and amounts.
- *7013 **7 Day Clock**
This program features a seven digital clock, options for 14 write-in messages, 1 for each AM/PM segment, 5 programmable sonic alerts and top of the Hour and Half Hour beeps.
- *7014 **Automobile Comparisons**
Shopping for a new car? This program compares several different automobiles and what true cost differences are.

- *7015 **Yearly Facts**
This program allows the user to enter messages at any given calendar date then recall the messages by simply typing in the month and day.
- *7016 **Computer Medi-Alert (Extended Basic)**
A what-to-do-if program that covers a broad range of medical information dealing with overdoses of drugs, alcohol or poisons. A must for every home.
- *7017 **Cookie File (Extended Basic)**
Use the 15 recipes that are given or change to create your own favorite cookies. This is a great program for anyone with a sweet tooth.
- *7018 **Heat Audit**
Audit energy usages for the months of Oct. to May. This program predefined rates for most metropolitan cities. Fuel units can be entered in any energy form.
- *7019 **Cool Audit**
Audit energy usages for the months of April to Nov. A must program for the energy conscious Homeowner.
- *7020 **Income Averaging (Extended Basic)**
An excellent program that lists amounts to be entered on schedule G of your 1040 Form for taxes.
- 7021 **Pay Check Manager (Extended Basic)**
An excellent program which keeps track of your withholdings from your weekly paycheck. This program will be INVALUABLE at tax time.
- 7022 **Bill Tracker (Tape ONLY)**
Excellent program for tracking monthly expenditures on credit cards, fixed and variable household bills. All Data is saved to cassette for easy retrieval. A FANTASTIC program for record keeping.
- 7023 **Health Test**
Written by a physician who owns a 99/4 and based on government statistics, this program may hold the key to LONGER LIFE.
- 7024 **Nutritional Scoreboard**
Choose from difference food groups to find the nutritional values. Program offers an index and analysis section.
- 7025 **Family Tree II (Extended Basic, Disk Required, Graphics)**
This family tree program allows disk file storage of family members. Menu driven, it is easy to operate. An excellent program, and an excellent programing job.
- 7026 **Ancestral File (Extended Basic, Disk Required)**
Excellent program for maintaining disk files on complete family history. Menu driven, and easy to operate.
- 7027 **Home Check Processor (Tape Only)**
This program allows the user to file, sort, add, manipulate all of your house checking chores. A very well done menu driven program that is easy to operate. Bill Tucker has created a program that should grace each 99/4 owners library.
- 7028 **Note Book (Extended Basic - DISK ONLY)**
A great little program that acts as a daily note book. You can enter up to 80 lines of text per day and recall them at any time. A fantastic help to those who like to be organized. No edit features.

- 7029 Gas & Electric Usage** (Graphics)
An excellent program for all 99/4 owners. By the use of data statements that you supply, you can create a bar-graph for consumed power. Programming technique is superb.
- 7030 Personal File** (99/4A Only)
A file keeping system for your personal records. Files are saved and read from tape. Editing and search capabilities are included. Easy to follow format.
- 7031 Record Collection**
Data statements are used to keep an inventory of your record collection. Records are displayed sequentially.
- 7032 Training Chart** (Disk Req.)
A record keeping program to chart training progress. Could be modified for other purposes. A little short on instructions, but not too hard to figure out.
- 7033 Nutrition**
This program turns you 99/4 into a dietician. You input food type and quantity, and it computes the calories and nutritional value. Could use better instructions, but not too difficult to figure out.
- 7034 Recipe** (Thermal Printer Optional)
Creates a file for your favorite recipes, and will allow you to view the instructions to prepare them. Stores recipes using data statements.
- 7035 TV Schedule**
This program will store your intended TV viewing on data statements. You can then recall them by day or title.
- 7036 Bulletins**
A computerized memo board. Notes are input via data statements. A very simple program that could use some work.
- 7037 Heating**
This program determines the heating factors of your house. You can then try different improvements, and it will estimate your savings. A good program, but one problem: it references a map, but none is supplied.
- 7038 Gains**
Plan your savings. Enter starting amount, amount of deposit, number of times per year deposit will be made, average interest rate, and number of years. Screen will display a year by year projected savings balance.
- 7039 Library**
Can't find a book when you need it? This program will catalog your collection by using data statements. It can search for books by author, title, subject, or key word.
- 7040 Freezer**
Avoid food spoilage with this freezer inventory program. It will keep track of 115 contents, and expiration dates. It will also allow you to list them many ways.



MISCELLANEOUS

- 8001 Decompression Calculation**
A must for the Scuba diver. Using workman model find out what decompression times are needed.
- 8002 Elliptical Orbits**
This program computes the position of any minor planet, given its orbital elements. Plus much more.
- 8003 Full Moon**
This program will compute the new and full moon cycle for any given year.
- *8004 Rect/Sun (Printer Optional)**
This program will tell you the rectangular coordinates of the sun on any given day.
- 8005 Golf Handicapping**
This program adheres to the U.S. G.A. system as closely as possible. Establish your course rating then enter previous scores up to 20 to find out your true handicap.
- *8006 World Map (Extended Basic-Graphics)**
This program will print a map of the World and allow the user to plot up to 28 latitude and longitude points. Very educational, very entertaining, very good.
- *8007 Currency Convert**
This program allows the user to convert currencies from one type to another and vice-versa.
- *8008 Model Rocket**
This program analyzes model rocket design from input statements. This program will also help in perfecting your rocket design.
- *8009 Calendar**
If you want to find a date between 1600 and 2399 then this program is for you. Additional features allow you to print any calendar year.
- *8010 Football Rating System (Tape Only)**
A nifty system for rating college or pro football teams with stats provided by you. Information is saved on cassette for retrieval at any time. An excellent program.
- 8011 Mail Prep (Extended Basic)**
This program is a must if you are a Source subscriber. It allows you to create a letter file that can be easily dumped into source mail while using the TE II and a disk system. A most innovative program.
- 8012 TE II Log-On File Generator (Disk ONLY)**
A great revision of TI's log-on file for the TE II. The program allows you to generate a new lot, load an old log, list a log, print a log, edit a log or store a log. A must for all Data Base users.
- 8013 Spriter (Extended Basic)**
A very useful program that allows you to define 4 character sprites on the screen. It will then give you the 64 digit code for those sprites.
- 8014 Basketball Stats**
From Alabama comes this great Basketball Stat Program. An ideal score keeping chart to use during the games.

- 8015 Basketball Stats Part II**
This program will provide stats for an individual player and scoring stats for his team. An excellent program.
- 8016 Orbit** (Printer Required)
Based on the Polar Orbit of Oscar 8. This program prints out successive orbital equatorial crossing times and longitudes for satellites in Polar Orbit.
- 8017 Bowling Team Records** (Disk)
A great bowling secretary program which allows the user to input weeks scores, display team summary, input a new team member, and display bowlers records. Menu driven, this program is a must for the serious bowler.
- 8018 Smokers Test**
A self assessment test that tells smokers why they smoke. A very thought provoking program.
- 8019 Auto-Run** (Ex. Basic, Disk Required)
A must for owners who have disk systems. Program automatically catalogs raw disks, then offers an auto-run feature.
- 8020 Title Generator**
A super program that creates colorful title screens that can be transferred to video cassette players. An extremely useful program.
- 8021 Amazing Mets** (Text Only)
The history of one of baseballs most amazing teams is catagorized in this unique program. Follow the 1969 N.Y. Mets on their road to victory through this program.
- 8022 Weather Station**
This program draws a station model based on information you give it. Not a program for amateurs.
- 8023 Shrink**
A must for the serious programmer, "Shrink" will do just what its name says. It reduces the memory needs of your program by removing all REMS, shortening all variable names, and replacing all "1"'s with @, saving 2 bytes per "1". Total memory savings can be substantial!
- 8024 Tape File** (Two Cassette Recorder Req.)
Having trouble keeping track of all the programs on all those cassettes? This program will create an indexing file to keep them straight.
- 8025 Alternating Character** (Graphics)
This will help you program motion into your graphics. You input two 4-character hex strings and they are alternately displayed.
- 8026 2 X 2** (Graphics)
A simple program which allows you to enter four characters as hex strings which it then interprets and displays.

LOGO PROCEDURES

- *9001 Banner
- *9002 Birds
- *9003 Bounce
- *9004 Cardinal
- *9005 Elephant
- *9006 Frog
- *9007 Carrousel
- *9008 Kick
- *9009 Rooster
- *9010 Soldiers
- *9011 Spring
- *9012 Stork
- *9013 T.I. Bug
- *9014 Train
- *9015 U.S. Flag
- *9016 Worm
- *9017 Wreck

LOGO PATTERNS

(Turtle Graphics)

- *9501 Bear
- *9502 Patterns
- *9503 Picture

*Hard Copy Not Available

REVISIONS

- 1016** A Good Revision of one of our First Games.
- 1018** Now in Extended Basic. Better Graphics. No Speech. A Great new Program.
- 1034** Additional Color Added.
- 1051** All new with Graphics added (Tape ONLY)
- 1074** Now with complete instructions and some graphics.
- 1103** Added features and smoother operation.
- 1148** Now available on both tape and disk for all machines.
- 1151** More instructions. More to it. A better buy.
- 3256** New up-beat sound in Extended Basic with graphics.
- 5437** Updated for 1982 Tax Year.
- 4313** Test for speeds from 5 to 22 WPM, and includes all letters and numbers.
- 1138** Now with complete instructions, and operational for the 99/4A. An improvement of one of our best space programs.
- 1139** Refined for operation on both tape and disk.
- 7008** Now you can save your household expenses and income data on cassette tape.
- 1031** Graphics and optional speed makes this one all new.
- 5406** Several changes in this very useful program, including a new menu, make it much more useful.
- 8004** Now contains more accurate coordinates.
- 1048** Revised in Extended Basic for better speed and graphics.

REMOVED FROM CATALOG

- 1158** Copywrite Problems.
- 7003** Program Errors.
- 7016** Removed at authors request.
- 7005** Program Errors.
- 5442** Program contained errors.
- 4331** Master tape accidentally destroyed.