THE WEST PENN 99'ERS CLUB

DECEMBER 1985   NO.3

"IF YOU LIE TO A COMPUTER, IT WILL GET YOU!"

The WEST PENN 99'ERS

Does something sound different to you? It should, because we have a new name. No we arn't on the run from the law, it's just that the Group at the last meeting, wanted the name to reflect to anyone who read or heard it, that we were users of the best home computer, not just any computer.

We had our first meeting at the YMCA at the Irwin Nike Site, and even though the quarters were a little tight, and we had some terribly dull things to get out of the way, like the By-Laws, I think that we now can begin to really fly. We received a welcome acceptance on the part of ERIC ZENO to copy any (public) programs to disk for anyone who wants them. Please call ERIC at 242-2042, or send him the blank disks(already formatted), with return postage. I think that a call first to find out what is available would be best. Address: ERIC ZENO
207 DATURA
Phone: 412-242-2042   PITTSBURGH, PA   15235

This should help until the library can be completely established. For you cassette users, I provided a list of software that is on cassette, and CHUCK STRINK has given me a massive list of his library. We haven't as yet been able to consolodate the lists, but if you have any favorite type programs that you would like, please let me know, and I will find it for you and get it put on cassette for you.

I would like to appologize for a couple of things: 1) I'm not good at using others who volunteer, in that I have a very hard time managing my own time, and this manifests itself in my inability to use those of you who have volunteered. Please bear with me. 2) This newsletter is very close to being late, mainly because I took a 5 days off for Thanksgiving and went away. When I got back the shock of December being here awoke me to the fact that I was behind. 3) There's more but maybe too much confession isn't that good for the soul.

The BASIC SIG is doing very well, and I believe that even with me directing the EXBASIC SIG the expertise of those present who shared some of their knowledge about disk structure, has started our group off on the right foot. But PLEASE, (this is begging), anyone who feels led to teach and does feel proficient with EX-BASIC, feel very free to volunteer.

Now for some really important stuff, in this issue you will find a sheet of paper, which will from now on constitute the application form for the WEST PENN 99'ERS. Please fill this out even if you have filled out the "T.I. PROFILE SHEET" I passed out over the last couple of months. Those of you who have filled them out are Charter Members, but we will still need this sheet filled because you will note that in it you are also letting the club know if your name, address, phone, and other miscellaneous information can be shared. I respect your right to privacy so please check the right hand box, if you don't want the information to go beyond that page and my computer.

This newsletter will also be the last newsletter that some of you will see, unless you join the WEST PENN 99'ERS as either a full member(FAMILY), or as an associate member. Read the page and you will understand the difference. This decision has to be made because we are not subsidised by TI or any commercial concern. This is a club, and we are going to start to act like one, and that means DUES. I'm currently sending 185 newsletters to many people that I've met or talked to, or who are friends that I've known, but now it is time to find out who is serious about the TI Home Computer. You have two options, as I see it. We don't need a big club, forty or fifty would be a comfortable number, but we do want to share, we do know that many of you are lost in this age of the computer, that many of you are intimidated by computerese. We can help you, and you can help us. Yes as with many clubs, we may be good at what our interests are, but we find it difficult to conduct our business. If you feel that you cannot teach but that you must learn first, fine! Please come learn, but if you do have a talent to direct, to follow direction, we can find a place for you.

I've talked to DARREN LEONARD, a very bright young man, who is the editor of the PUG PERIPHERAL(the newsletter of the Pittsburgh Users Group), and he has the responsibility additionally of offering software packages (PUG Sapphire Software) to the readers of that newsletter. Some of the software cannot be made available to us, because of contractual agreements, but many fine programs are available. When you turn this page, you will see the complete ad, but keep in mind that only those numbers circled are available to you. Please be assured that you will be satisfied. You will also note that you can make application to the PITTSBURGH USERS GROUP, or the PERIPHERAL newsletter.

I would also like to thank PETE COLOSIMO for his recent contribution of a CANNON NP70 copier for the clubs use. I really want to thank you PETE. Also, note that the back page of this newsletter is a full page AD from the COMPUTERBUG. Please read the AD, you will see a special offer just for all of you who have received this newsletter. CHUCK is really giving us a GREAT DEAL!

I would like to wish all of you the best even if I never here from you, remember computers are here for us to use, don't allow them to dominate your life. If you have questions or problems:
JOHN WILLFORTH
RD#1 BOX 73A
412-527-6656   JEANNETTE, PA   15644

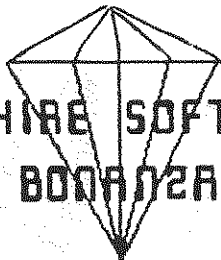If you would like to join the club, you may make your check out to: JANICE TRAVERS
2151 MICKANIN RD.
N.HUNTINGDON, PA. 15642
JAN is the acting Treasurer, and will take care of your dues.

Note:
West Penn 99'ers may
order the circled items.
If you join or are a

The Pittsburgh Users Group offers the following programs to its' members. You may obtain them through the mail with this form or at the PUG meetings. Please make sure you have the required Cartridge before ordering. The cassette of the month is available at the meeting. We also have special discount prices on blank diskettes and computer grade cassettes available at the meeting.

Programs	Description	Cart Req	Price	Amount
1) PUG-Writer	Word Processor	X	$10.00	_____
2) TI-Writer and Multi-plan Updates	Eliminates form feed and math errors	TW/MP	$ 5.00	_____
3) TI-FORTH & Manual	Programming language	E	$15.00	_____
4) FORTH games	Programs in FORTH	E & FORTH	$10.00	_____
5) TI Runner	Arcade game-50 scrns	E	$10.00	_____
6) Basic compiler	Compiles subprograms	X	$10.00	_____
7) Tile-Breaker & Boxer	Breakout type game/ Arcade boxing game	X	$10.00	_____
8) D-Station I & II	Arcade space war game	E/X	$10.00	_____
9) Stargazer I	Maps constellations	E	$10.00	_____
10) Stargazer I, II, III	Whole set/no trade-in	E	$20.00	_____
11) Stargazer I, II, III	Whole set/with trade-in of Stargazer I disk	E	$10.00	_____
12) Mass copy I, II	Disk copiers	E	$10.00	_____
Disko	Disk sector Editor			
TE30	Terminal emulator			
13) Fast Term	Best terminal emulator	E	$10.00	_____
DM1000V.2	Disk manager program			
DM4	Disk manager program			
VDT	Terminal emulator			
14) Super Debugger	Disassembler	E	$10.00	_____
TI-DIS-ASM	TI's disassembler			
Marty's Disassembler	By Marty Kroll			
Marty's Catalog'r	See October newsletter			
TICK	Interrupt driven clock	X		
15) Spy's Adventure	Adventure game	X	$10.00	_____
Galactic Battle	Strategy Game			
16) Scrabble	20,000 word dictionary Full color graphics!	E	$10.00	_____
17) Disk of month--Sept	Various programs	E & X	$ 5.00	_____
18) Disk of month--Oct	Various programs	E & X	$ 5.00	_____
19) Disk of month--Nov #1	Various programs	X	$ 5.00	_____
20) Disk of month--Nov #2	Various programs	X	$ 5.00	_____

(E=Editor/Assembler; X=Extended Basic; MP=Multiplan; TW=TI Writer)

Name _____

Address _____

City _____ State ____ Zip _____

Phone ( ) ___ - ____

Total	$ _____	
P & H	$ 1.00	
New Membership	$17.00	_____
Memb Renewal	$12.00	_____
Newsletter Sub	$ 7.00	_____
Total Enclosed	$ _____	

Mail this form with your check to:

PUG Sapphire Software
PO Box 18124
Pittsburgh, PA 15236

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WEST PENN 99'ERS BY-LAWS

(Submitted for approval December 1985)

ARTICLE 1 - NAME

SECTION 1 The name of this organization shall be the WEST PENN 99'ERS and herinafter referred to as the Group.

ARTICLE 2 - OBJECTIVE

SECTION 1 The objective of the Group shall be to provide encouragement, assistance, and education to it's membership regarding the applications of the TI 99 HOME COMPUTER, and it's successors.

SECTION 2 The Group shall be a not-for-profit organization.

ARTICLE 3 - MEMBERSHIP

SECTION 1 A family membership shall accord the member, spouse, and children all rights and priviledges of the Group, with one exception; one vote shall be cast per membership.

SECTION 2 An associate membership shall entitle the associate to receive a monthly newsletter but shall be denied any other priviledges of the Group, including voting rights.

SECTION 3 Individuals may become members of the Group by filling out an application form and paying the required dues.

SECTION 4 Any member whose dues remain past due for two months shall be considered not in good standing with the Group and their name shall be removed from the membership roll.

SECTION 5 Additional classes of membership may be added, subject to approval of the executive board.

ARTICLE 4 - OFFICERS

SECTION 1 The Groups officers shall consist of the President, Vice President, Secretary, Treasurer, Librarian, and Corresponding Secretary.

SECTION 2 The Executive Board shall be the six current officers.

SECTION 3 The duties of the President shall be:
.. Chair all executive and membership meetings.
.. Appoint special committees, except for the nominating committee, at his discretion to serve the objectives of the Group.
.. Ascertain that the principles manifested in the By-Laws are constantly upheld.

SECTION 4 The duties of the Vice President shall be:
.. Assist the President in the performance of his duties.
.. Assume the duties of the President in his absence.
.. Assume the office of the Presidency should the duly elected President be unable to complete his term .
.. Assume such special responsibilities as the President shall designate.
.. Appoint and chair a nominating committee to prepare a slate of nominees for the election of officers.

SECTION 5 The duties of the Secretary shall be:
.. Faithfully maintain a true record of all proceedings (minutes) at membership, Executive and special meetings.
.. Maintain a complete and accurate record of the names, addresses and phone numbers of the membership.
.. Maintain a current copy of the By-Laws as amended.

SECTION 6 The duties of the Corresponding Secretary shall be:
.. Receive and file all club correspondence.
.. Perform such correspondence duties as directed by the President.
.. Notify all appropriate parties of regular or special meetings in any resonable manner.

SECTION 7 The duties of the Librarian shall be:
.. To administer the operation of the Group's Library as directed by the Executive Board.
.. To maintain an accurate record of the library expenses and report them monthly to the Executive Board.
.. To chair the meetings of the Library Committee and to supervise it's operation.

SECTION 8 The duties of the Treasurer shall be:
.. Assume responsability for all monetary assets of the Group and to collect dues.
.. Administer payment of the Group's expenses.
.. Prepare a monthly Treasurer's report.
.. Maintain authorized banking accounts.

ARTICLE 5 - ELECTIONS

SECTION 1 The term of office for each officer shall be for one year or until a successor is elected.

SECTION 2 The nominating committee shall report a slate of candidates at the September general meeting. Additional nominations may be made from the floor at the September and October general meetings.

SECTION 3 The list of candidates nominated for officers shall be published in the September and October newsletters.

SECTION 4 Voting will take place at the November meeting. The results shall be reported at this meeting and published in the next regular issue of the newsletter.

SECTION 5 The only exception to this proceedure will be in the case of a totally uncontested election, in which case the election shall be considered official by acclamation.

SECTION 6 In the event that both the duly elected President and Vice President shall be unable to complete the President's term of office , a special election shall be called at the next meeting to select interim replacements to serve until the end of the fiscal year. These elections shall follow the same guidelines as the yearly election.

SECTION 7 No officer shall be denied the right to run for any office on the basis that he has previously served.

SECTION 8 Election shall be by simple majority of members present, by secret ballot.

ARTICLE 6 - ADMINISTRATION

SECTION 1 The business of the Group shall be administered by the Executive Board, the meetings of which shall be called by the President at his discretion. For the purpose of transacting normal business, four members of the Executive Board shall constitute a quorum. The president shall chair the meetings of the Executive Board.

SECTION 2 The fiscal year shall run from January 1, to December 31 of of each year.

SECTION 3 All checks written in the name of the Group shall bear the signatures of both the President and the Treasurer.

Section 4 Dues shall be set by the Executive Board with the approval of the membership. Any changes in the dues structure shall require notification of the membership in writing 30 days prior to the regular membership meeting, at which time it will require a majority vote of the membership present to act.

SECTION 5 The Executive Board shall not have the right to commit Group funds in excess of one hundred dollars for single expenses without the express approval of the membership. These single expenses do not include the normal operating expenses of the Group. Notification of the proposed expenditure shall be published in the newsletter prior to the membership meeting, where a majority vote of those present will be required to approve.

SECTION 6 A Treasurer's report shall be required to be presented at monthly membership meeting.

SECTION 7 The Treasurer shall submit all accounts to the Executive Board at the end of the fiscal year for final audit. This annual financial report shall be submitted to the Group. Upon installation of a successor, the Treasurer shall transmit to the successor all funds and records of the Group.

SECTION 8 The Rules contained in "Robert's Rules of Order, Revised" shall govern the Group in all cases to which they are applicable, and in which they are not inconsistent with the By-laws or the special rules of the Group.

ARTICLE 7 - AMMENDMENTS

SECTION 1 Ammendments to these By-Laws may be presented by any member in good standing at the regular membership meeting. They shall be presented to the membership on a "motion for consideration and circulation to the membership", seconded and the motion voted. A majority of the membership present shall be required to pass the motion.

SECTION 2 Ammendments approved for consideration shall be published in the newsletter a minimum of thirty days prior to voting on the ammendment. Approval shall be given by an affirmative vote of two-thirds of members present at the membership meeting.

SECTION 3 A current copy of the By-Laws shall be given with reasonable promptness to any member who requests one.

WEST PENN 99'ERS

NAME (last)_____ (first)_____ (init)_____

ADDRESS _____ CITY _____ STATE ___ ZIP _____

Membership in the WEST PENN 99'ers requires:

* Sincere interest in the sharing of knowledge with others who enjoy the
  the T.I. 99/4 and 99/4A in their times of relaxation, learning and in
  their businesses.

* Willing participation in club activities and events as your time and
  abilities permit.

* Payment of yearly dues of $15.00 (family membership), or $10.00 (assoc-
  iate membership). See note below.

Please include below as much information as you can about yourself, and your
system. Some information may benificial to the club as a whole or to certain
individules or groups within the club, and as such please check the information
you DO NOT want made available to anyone, other than this profile.

	DO NOT
TELEPHONE NUMBER _____	
MAILING ADDRESS (as given above) _____	
LANGUAGES SPOKEN(COMPUTER) _____	
OTHER COMPETERS USED _____	
OCCUPATION _____	
USE COMPUTERS AT WORK/SCHOOL _____	
CAN YOU TEACH A SPECIAL INTEREST GROUP(S.I.G.) _____	

COMMENTS _____

CONSOLE ___,	EXT.BASIC ___,	ED. ASSEMBIER ___,	MINI-MEMORY ___,
TE-II ___,	PASCAL ___,	LOGO ___,	FORTH ___,
MODEM ___,	PRINTER ___,	MULTI-PLAN ___,	TI-WRITER ___,
PE BOX ___,	32K MEM. ___,	128K MEM. ___,	RAM DISK ___,
RS232 ___,	DISK ___,	TRIP-TECH. ___,	SPEECH SYN. ___,
OTHER ___			

* enter SA if Stand Alone, and the number of units, and brand if not T.I.

NOTE: The Family Membership is one fee for an individule or that persons
       whole family, and includes ALL club benifits.
         The Associate Membership provides that member only a news letter, and
       only those things that are offered by that media, ie: type in programs,
       special software offers, information on the status of hardware and soft-
       ware as well as a link to those who may be able to help with problems.
  For more information, call or write: John Willforth   412-527-6656
                                       R.D.#1 BOX 73A
                                       Jeannett PA   15644

MYARC UPDATE
(By J. Peter Hoddie)
.....Edited for the WP99'ER by John Willforth......

As everyone is aware, Myarc is planning to introduce a new computer which is rumored to be based on the design of the ill-fated TI-99/8. In fact, Myarc even had a 99/8 to play with before it was cancelled just two months before it left the home computer market. The truth about the 99/8 was that it was largely incompatible with the 99/4A. Thus when Myarc decided to design a new computer, they had to make major changes to the design of the 99/8 and the result of this work is a computer, originally named "NOAH"(from the "ARC" in MYARC...) and now in search of a number for a name.

Myarc showed only pieces of the hardware at the TI FAIRE in Chicago on November 2nd . Some say that the day before the show a chip got blown, and couldn't be replaced in time. Some say that neither the software nor the hardware are ready. In either case MYARC has spent a lot of money on this machine to give up now.

The machine is now expected to be released in the 1st quarter of 1986, and sell for $499. The machine has an IBM keyboard, complete with a slash key where the left shift key should be. There are 10 function keys, mounted across the top horizontally. The cartridge slot has been moved to the upper left-hand part of the machine, above the function keys.

It will come initially with 256K of CPU RAM (expandable to 2 full meg.), 64K of VDP RAM, 64 K of ROM, a Parallel output, an RS232 I/O port, two internal expansion slots, and a port to hook up a mouse. The ROM includes 48K of library routines, 8K of GPL interpreter, 8K of mouse support.On power up the machine uses 16K of RAM for various internal tasks, leaving 240K for the user.But remember, there is also 64K of VDP RAM, so the 240K is quite a bit. RAM expansion will have to be done externally with 3 expansion banks, and the current MYARC memory cards (128K and 512K) will work with the new machine.

The new processor chip is the TMS9995 microprocessor, and is 2.3 times faster than the TMS9900 in your TI-99/4A. The new machine will also access the CPU memory on a 16 bit buss, this in itself will esentially double it's speed.

Most of the software running on your 99/4A will run on the new machine, as well as most of the TI hardware, exceptions being at this moment, the speech and the pascal card. MYARC is planning to develop a card like the TRIPLE TECH card for in the P-BOX, to allow the speech synthesizer to go in the PEB. Another disappointment is that to use the PEB, you will have to buy a new cable to drive it with. There are very good reasons for this, in that the old Flex Cable was capable of only using an 8 bit bus, while with the new machine using 16 bits at a time, as well as expanded PAB format, and the difficulty of comfortably position-ing the old Flex Cable, this new cable could be considered a blessing.

MYARC is also changing the graphics chip to the 9938, a chip with more modes and features. The 9938 has 32 control registers verses 8, two text modes (the second mode allowing 80 x 24 or 80 x 26, a status line on the bottom like IBM,and 512 color to choose from for both foreground and background, Multicolor mode as well as 7 graphics modes (mode 1 is the same but mode 2 allows for 768 different patterns and a choice of 16 colors from the 512 available colors. Graphics Mode 3 is the same as mode 2 but instead of only 4 sprites on a horizontal line at a time you can have 10 on a horiz. line at a time. Graphics Mode 4 is similiar but has 256 x 212 resolution, while Graphics Mode 5 can support up to 512 x 424, using interlacing (on RGB Monitor only). Each Pixel can have it's own color individually defined. This mode requires the full 64K VDP RAM for storing all the screen information. Graphics Mode 7 is the same as 6 but uses a full byte of memory to define the color of each pixel (256 colors!), and this mode requires of course more than the 64K of VDP RAM, and this is why MYARC has provisions for up to 196K of VDP RAM to be put inside the console! One control bit on this chip allows for the Machine to do screen swapping, which essentially provides for AUTOMATIC ANIMATION!

The machine will support the old PAB(Peripheral Access Blocks) format in VDP RAM so that, in theory, all peripherals manufactured to TI specifications, will work. The new PAB format which will also be supported, will reside in CPU memory (run faster), and be allow for 4096 character record lengts, instead of 255 as in our 99/4A's.

MYARC says that the first two peripherals they will make available, will be the PEB interface cable and a new disk controller for in an internal expansion slot, and will support quad-density disks, nearly a full Meg. on one drive! MYARC may still make this controller available for our 99/4A as well.

The IBM compatible card will be the next card after the cable and the controller. This is why the keyboard style, and 3.5 inch disks are a definite possibility in the not too distant future.

The computer will come with an advanced version of MYARC'S EXTENDED BASIC II, which is very similiar to GW Basic from MICROSOFT, and between 2 and 4 times faster than TI EXTENDED BASIC.

The language C will be the next language available, Pascal is not likely. MYARC will release all technical data on the machine so there is nothing hidden which would hinder 3rd Party involve-ment, thus allowing for a great growth potential for both hardware and software.

If you would like to know more about this machine, you can send $1.00 to :   BOSTON COMPUTER SOCIETY
                                   TI-99/4a USERS GROUP
                                   ONE CENTER PLAZA
                                   BOSTON, MA. 02018
or call Mr. HODDIE at home..(617) 353-7369

BASIC BASICS

By Charles Strink

The No Name File.

How would you like to place a file on disk so that others can not read the filename when they access the catalog or index of the disk? You would? O.K., Just use FCTN V,B,N,M,H,J,K, or L as the filename. You may also use CTRL and any other key or series of keys and when the disk is cataloged graphics will appear where the letters should be.

A word of caution, the filename can be changed by anyone using the disk Manager Module. This is not a foolproof method to keep others out of your files but will keep someone from accidently accessing your programs.

A word of caution, be sure to remember what you named the file or you may have a hard time getting to it again.

At the October Basic class, we will discuss a method of locking your programs so anyone without the key will have a hard time running them.

Until then.....

Happy Computing

COLUMN (Basic Card Trick)

By john willforth

This is one of my early attempts to take a program written in
Microsoft Basic and convert it to TI Basic. The trick is really
not a trick of course, but the effect appears as if the computer
can really read your mind. If the program is a little too long
for you, just start at line 400, skipping the title and
instructions. Good luck and have fun. OH BY THE WAY, there is a
bug that I should warn you about, and that is occasionally the
computer will randomly select TWO JACK OF DIAMONDS, in that event
dont select a JACK OF DIAMONDS, as neither you or the computer
will know which is correct. Now I never went back to fix that
bug. I beleive that I saved it for YOU! I will offer a reward for
the one who gives me the first FIX.

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100 REM  THIS PROGRAM WAS        ALTERED IN ORDER            TO RUN ON THE
         TI-99/A COMPUTER
110 REM  BY JOHN WILLFORTH
120 REM  HOPE YOU ENJOY IT.
130 REM        6/02/83
140 CALL CLEAR
150 CALL SCREEN(2)
160 FOR Q=1 TO 10
170 PRINT TAB(11);"COLUMN"
180 NEXT Q
190 PRINT
200 PRINT TAB(5);"CREATIVE COMPUTING";
210 PRINT TAB(3);"MORRISTOWN, NEW JERSEY"
220 PRINT :TAB(5);"JOHN F. WILLFORTH"
230 FOR Q=1 TO 8
240 PRINT TAB(11);"COLUMN"
250 NEXT Q
260 CALL SCREEN(12)
270 FOR DELAY=1 TO 1000
280 NEXT DELAY
290 FOR H=1 TO 30
300 PRINT TAB(11);"COLUMN"
310 NEXT H
320 CALL SCREEN(2)
330 CALL CLEAR
340 PRINT "THIS PROGRAM WILL SHOW YOU ACARD TRICK. AFTER THE FIRST DEAL, PICK A CARD AND TYPE  THE NUMBER OF THE THE COLUMNCONTAINING IT."
350 REM
360 PRINT "THE DEALER WILL THEN PICK UPTHE CARDS, A COLUMN AT A    TIME, AND WILL DEAL THEN OUTAGAIN HORIZONTALLY. WHEN HE"
370 REM
380 PRINT "FINISHES EACH TIME, TYPE THENUMBER OF THE NEW COLUMN    CONTAINING YOUR CARD.FOLLOW-ING THE LAST DEAL THE DEALER"
390 PRINT "WILL TURN OVER THE CARDS ONEAT A TIME, UNTIL HE REACHES THE  ONE  CARD THAT........ Y O U  P I C K E D ! ! ! !"
400 CALL SCREEN(10)
410 FOR DELAY=1 TO 4500
420 NEXT DELAY
430 CALL COLOR(9,2,10)
440 CALL COLOR(10,7,10)
450 CALL CLEAR
460 RANDOMIZE
470 PRINT TAB(2);"ONE";TAB(10);"TWO";TAB(19);"THREE":::
480 DIM A(21),B(21)
490 FOR X=1 TO 21
500 J=0
510 T=INT(52*RND)+1
520 REM
530 FOR Y=1 TO X-1
540 IF A(Y)=T THEN 510
550 NEXT Y
560 A(X)=T
570 NEXT X
580 N=0
590 FOR I=1 TO 3
600 FOR Z=1 TO 21
610 IF A(Z)=4*(INT(A(Z)/4))THEN 730
620 IF A(Z)-2=4*(INT(A(Z)/4))THEN 700
630 IF A(Z)-3=4*(INT(A(Z)/4))THEN 670
640 CALL CHAR(100,"1818DBFF7E7E3C18")
650 P=100
660 GOTO 750
670 CALL CHAR(104,"66FFFF7E7E3C1818")
680 P=104
690 GOTO 750
700 CALL CHAR(101,"1818DBFFFF997E7E")
710 P=101
720 GOTO 750
730 CALL CHAR(105,"10387CFE7C381000")
740 P=105
750 N=N+1
760 IF N<>4 THEN 790
770 PRINT
780 N=1
790 IF A(Z)>35 THEN 920
800 F=INT(A(Z)/4)+2
810 IF F=10 THEN 840
820 PRINT TAB((N-1)*9);F;" ";CHR$(P);
830 GOTO 850
840 PRINT TAB((N-1)*9);F;CHR$(P);
850 IF N=3 THEN 870
860 GOTO 890
870 PRINT
880 GOTO 890
890 IF J=5 THEN 1370
900 IF J=10 THEN 1510
910 GOTO 1100
920 IF INT(A(Z)/4)=9 THEN 1010
930 IF INT(A(Z)/4)=10 THEN 990
940 IF INT(A(Z)/4)=11 THEN 970
950 A$=" JK"
960 GOTO 1020
970 A$=" QN"
980 GOTO 1020
990 A$=" KG"
1000 GOTO 1020
1010 A$=" AC"
1020 PRINT TAB((N-1)*9);A$;" ";CHR$(P);
1030 CALL SCREEN(10)
1040 IF N=3 THEN 1060
1050 GOTO 1080
1060 PRINT
1070 GOTO 1080
1080 IF J=5 THEN 1370
1090 IF J=10 THEN 1510
1100 NEXT Z
1110 PRINT ::
1120 PRINT "WHICH COLUMN CONTAINS YOUR  CARD";
1130 INPUT K
1140 CALL CLEAR
1150 CALL SCREEN(10)
1160 IF K<1 THEN 1190
1170 IF K>3 THEN 1190
1180 GOTO 1210
1190 PRINT "  (1-3)"
1200 GOTO 1120
1210 PRINT ::
1220 T=1
1230 S=K+2-3*INT((K+1)/3)
1240 GOSUB 1460
1250 S=K
1260 GOSUB 1460
1270 S=K+1-3*INT(K/3)
1280 GOSUB 1460
1290 FOR C=1 TO 21
1300 A(C)=B(C)
1310 NEXT C
1320 NEXT I
1330 J=5
1340 FOR Z=1 TO 11+INT(10*RND)+1
1350 N=0
1360 GOTO 610
1370 PRINT :
1380 NEXT Z
1390 PRINT
1400 PRINT "  OOPS !!! YOUR CARD IS THE ";
1410 PRINT
1420 N=1
1430 J=10
1440 Z=11
1450 GOTO 610
1460 FOR R=S TO S+18 STEP 3
1470 B(T)=A(R)
1480 T=T+1
1490 NEXT R
1500 RETURN
1510 PRINT
1520 PRINT :"DO YOU WANT TO SEE IT AGAIN? TYPE <YES> AND PRESS ENTER";
1530 INPUT T$
1540 IF T$="YES" THEN 450
1550 END
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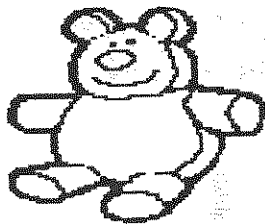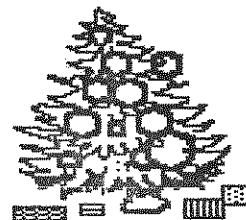
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NEXT MEETING

December 16, 1985
AT 1:00 PM
IRWIN YMCA

PLEASE ATTEND. IF YOU CAN'T
BE THERE WE WILL MISS YOU.
HAVE A HAPPY HOLIDAY!!!

JOHN WILLFORTH
RD#1 BOX 73A
JEANNETTE, PA.
15644