

HUG

Jan 84

HOUSTON USERS GROUP

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MEETING SCHEDULE FIRST SUNDAY OF EVERY MONTH

(2ND SUNDAY IF 1ST SUNDAY IS ON A HOLIDAY WEEKEND)

2:00 P.M.

NEXT MEETING, SUNDAY, JANUARY 8, 1984

PRESIDENT'S COMMENTS

THE BEGINNING OF A NEW YEAR IS THE TIME TO RE-EVALUATE OUR GROUP ACTIVITIES AND MAKE AN EFFORT TO GIVE EACH OF OUR MEMBERS MORE TO HELP YOU BETTER UNDERSTAND AND USE YOUR COMPUTERS AND ASSOCIATED EQUIPMENT. I URGE EACH OF YOU TO TAKE AN ACTIVE PART IN OUR GROUP DURING 1984 AND HELP THE GROUP AS A WHOLE TO CONTINUE TO IMPROVE IN OUR ACTIVITIES AND MEETINGS.

WE WILL BE ELECTING NEW OFFICERS AT THE JANUARY MEETING. PLEASE DON'T BE MODEST. IF YOU WOULD LIKE TO SERVE IN A PARTICULAR CAPACITY, LET ANY OF THE PRESENT OFFICERS KNOW. WE NEED "NEW BLOOD" IN ORDER FOR US TO TAKE THE NEEDED STEPS TO BETTER FULFILL OUR MEMBERSHIP'S NEEDS.

PLEASE GIVE THE PRESENT AND 1984 OFFICERS YOUR COMMENTS AND SUGGESTIONS FOR WAYS TO IMPROVE OUR SERVICE TO THE ENTIRE MEMBERSHIP. WE NEED YOUR HELP...EACH OF YOU. PLEASE MAKE A SPECIAL EFFORT TO DO YOUR PART DURING THE COMING YEAR.

SEE YOU ON JANUARY 8, 1984. HAPPY NEW YEAR.

WAYNE WRIGHT

HUG 1983 OFFICERS

THIS NEWSLETTER PUBLISHED MONTHLY BY THE HOUSTON USERS GROUP (TI HOME COMPUTERS). ANY OPINION OR ENDORSEMENT IS THAT OF THE AUTHOR, AND MAY NOT NECESSARILY REFLECT THE OFFICIAL OPINION OF 'HUG'. PERMISSION TO REPRINT GRANTED.

President	- WAYNE WRIGHT
Vice-President	- JANE McASHAN
Treasurer	- JANE ROWLAND
Secretary	- J.R. BASTARDO
Librarian	- RALPH ARNOLD
Editor	- BILL KNECHT

PROGRAMMING TIPS

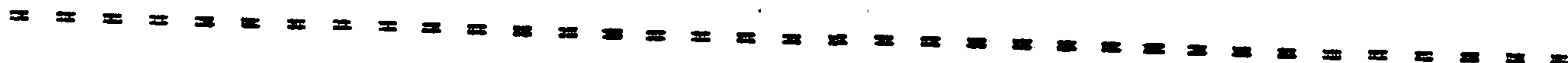
MANY TIMES YOU WILL HAVE A PROGRAM IN WHICH THE DISPLAY STAYS ON THE SCREEN UNTIL YOU PRESS "FCTN 4" (CLEAR) TO STOP THE PROGRAM. THIS IS ESPECIALLY TRUE IN MANY GRAPHICS DISPLAYS. WHEN "FCTN 4" IS PRESSED YOU THEN GET A MESSAGE "BREAKPOINT AT ###" AND A BUNCH OF "WEIRD" CHARACTERS ON THE SCREEN. THE REASON FOR THIS IS THAT THE PROGRAM HAS REACHED A LINE SUCH AS: "1000 GOTO 1000".

I HAVE STARTED USING SOMETHING DIFFERENT TO HOLD THE SCREEN DISPLAY AND THEN STOP THE PROGRAM WHEN I CHOOSE. INSTEAD OF "1000 GOTO 1000". I USE THE FOLLOWING:

```
1000 CALL KEY(0,KEY.STATUS)
1001 IF STATUS=0 THEN 1000
1002 CALL CLEAR
1003 STOP
```

ALL YOU HAVE TO DO TO STOP THE PROGRAM IS TO <PRESS ANY KEY> AND THE SCREEN WILL THEN CLEAR INSTEAD OF BEING CLUTTERED. THIS IS A LOT NEATER WAY TO END THE PROGRAM. ESPECIALLY IF YOU ARE SHOWING A GRAPHICS DISPLAY TO A USER OF ANOTHER BRAND COMPUTER.

-BILL KNECHT



A SMALL EXAMPLE OF DE-BUGGING

If you got the Christmas disk at the December meeting and ran it with Extended BASIC (which uses the LOAD program) you found that the "Texas" program (#6) stopped after one song with a "BAD VALUE IN 214" message. So you looked at line 214 and it was

```
214 CALL CHAR(C,C$)
```

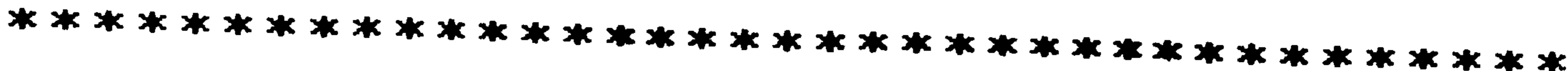
Then you printed C and C\$, which were 144 and EE9E7CF0E08. So, what's wrong?

Remember that Regena programs mostly in console BASIC which accepts values of the char-code (C) up to 159 in the CALL CHAR sub-program but Extended BASIC accepts the char-code only up to 143.

Return to the TI Logo screen, select BASIC and OLD DSK1.TEXAS loads which plays the "Yellow Rose of Texas".



A special note from The Pittsburgh Users Group "Peripheral"...for anyone who is marketing programs or is in a situation where he or she does not want a disk to be copied with BASIC or the Disk Manager module. Remember that SAVE DSK1.FILENAME.PROTECTED will only prevent copying or listing the program in EXTENDED BASIC. A protected program can still be copied using the Disk Manager module. Fortunately, there is a way to protect a disk from being copied BY ANY MEANS! Simply insert the disk that you want to protect into the disk drive and enter Disk Manager. On the main menu, press (FCTN) 1 ten times. You will see a strange character in the middle of the screen. Now, use the BACKUP DISK function of Disk Manager to make another copy of your disk. This new copy cannot be copied by Disk Manager. For extra protection, remember to use the PROTECTED clause whenever you save programs onto the original disk.



NEWSLETTER COMMITTEE

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DEADLINE each month for submitting information - 2ND WEEKEND!

MEETING MINUTES

12/04/83.

INTRODUCTION: In the start of this meeting Mr. Wayne Wright, our president encouraged all active & non-active members to renew HUG membership for 1984. Fees are \$10 for 1 full year of membership and \$10 for assessments (purchase of equipment, news letters, monthly letters to each and every member etc). It was pointed out that renewal of membership will also entitle each member for 6 software programs from the HUG library. Mr Ralph Arnold (HUG librarian), announced that HUG's library now has available some of the programs from C. Regina's personal directory. These programs are ex-changeable or available to all active users. Next in the agenda Mr. Bill Knecht requested HUG members to up-date roster membership, so if you don't come to the meetings or haven't up-dated your name yet please send your name, address, city, state, zip, phone, Sp class to the editor of your news letter. Also courtesy of Mr. Bill Knecht public relation cards were made available at the meeting for those who wish to promote HUG's functions to their friends or to the general public. Please spread the word if you can. Finally Mrs. Pat Brown HUG member read her draft letter of complain to TI which initiated an open MOTION from HUG members; Draft letter will be circulated to JUG's Users Group and others, to TI management Wall Street Journal, & Database services (the Source, CompuServe, etc). To inform them of our Users group position to the TI-issue

HARDWARE: the news about the CC-99/64, (the TI 99/4A compatible machine), were briefly explained by some of the present members. It was clarified that the project is being carried out by Corcomp of Lagunas Hill California and the computer is in its design stages a good start for this company is that they are looking for inputs on design requirements from different users group so that they can incorporate all extra design features in their machines and have them available for all users. The basic sytem console will contain 64K of RAM, built-in extended basic, speech, RS232 port, hard disk controller, hopefully 40-80-132 video display characters per line with the default value at 40 characters for TV screen users only, double side double density controller capability, Integrated P-box system, Ports for FORTH, PASCAL, & other operating systems such as CPM-DOS, also ports for IBM-APPLE compatible software converter. A great design would be for Corcomp to incorporate Multi-level tasking abilities and data editing utility built-in so that any kind data/ixed,relative,sequential,display/or any combination of alpha-numeric data may be edited from the Direct Operating Command Mode

The most special requirement from the JUG's group is to have the computer capable of supporting EDA language for the Aerospace users

SOFTWARE: For this meeting Mrs. Jane McAshan presented a good selection of games for entertainment, among these software cartridges she demonstrated Microsurgeon from TI, Shamus from Attari, Moon Mine, Jawbreaker II, Return to Pirate's Isle, Slymoids, Hoppers, Sneggit FaceMaker. Also on software news Attari, will discontinue software production for the TI 99/4A, writing them letters to ask them to release software for our computer may change the computer company's position. Also a christmas bonus "free" from C. Garcia was presented by Mr. Bill Del Valle the bonus is a prgm pack called DEP (Display Enhacement Package), which consist of a series of sub-routines to be very useful for those of you that cut & tailor your own prgrms. For copies of the pack pls call or write to Mr Bill D V.

QUESTION AND ANSWERS: Few questions were asked during the course of the meeting most of these are summarized as follows below:

(q) How do you print anything from the screen to the printer? (a) Using an open #1:"RS232" or open #1:"PIO" staement at the beggining of your program and then using print #1:"text " statements instead of print. (q) What will be the cost of the CC-99/64 computer? (a) In the neighborhood of \$500. (q) Will all 3rd. party software run on the new TI 99/4A version 2.0 console? (a) Well, some yes & some no (q) Will the keyboard for the CC 99/64 be improved? (a) Don't know but hope so. (q) When do we know more about this CC 99/64 computer? (a) By the end of 1st. quarter of 1984. (q) What's the cost of the best letter printer? (a) It depends on the performance one maybe looking for i.e. speed V.S. quality for instance, typically a dot matrix printer will cost about \$600-\$900 (q) How about the IBM personal type writer used as a printer? (a) Yes, as this is possible the cost maybe higher than doing the same with a Brothers type writer for only \$350. (q) Which memory mapping is used for the TI 99/4A and can you program assembly code directly from the console? (a) The mapping is unique to the TI-9900 & if you program is to be witten in assy code an assembler/editor software cartridge must be used to compile and link your pgm before it can be run. (q) How about the Assy language book for begginers by Steve Davis? (a) It will be available by Dec. 16th. @ about \$15. (q) Will TI be responsible for maintenance of the TI/994A? (a) Yes. for a period of 5 years. (by law) NEXT in the agenda some members ex-changed programs and socialized.

END OF MEETING.....J.R. Bastardo.

AT THIS MEETING

BEGINNER GRAPHICS PROGRAMMING

AT THE JANUARY 8TH MEETING. WE WILL HAVE ELECTIONS. IT IS ALSO TIME TO MAKE YOUR DUES PAYMENT. OUR PROGRAM WILL BE DIRECTED TOWARD THE "BEGINNER" AS WE WILL SHOW YOU HOW TO PROGRAM GRAPHIC DISPLAYS. WE WILL HAVE MANY TIPS (EVEN SOME FOR THE EXPERIENCED PROGRAMMER). SO PLAN TO BE THERE. MIGHT BRING SOME NOTE PAPER!

MODEMS

*** PUBLIC ACCESS MESSAGE SYSTEMS IN HOUSTON METRO AREA ***

24 denotes 24 hour operation.
 & supports 212A 1200 baud operation
 SD denotes sexually oriented messages
 PD denotes pirate oriented messages
 DN temporary down
 #1 denotes original system of that type
 HQ denotes author's/distributor's board of that type
 (NAME*****CLUB*MEMBER*BBS*****HOURS***PHONE NO***TYPE**
 M.C.U.A. BBS.....24.713 661 542E
 PSEUDONYM.....24.713 895 8111
 COMPUQUE-80.....24.713 444 7041& HQ#1
 SOBBS TEST MODE..... 713 660 9252 HQ
 TBBS EXIDY 2020.....24.713 442 7644&

*****OTHER BBS*****
 AMIS APEX HOUSTON.....24.713 471 7117
 DIAL-YOUR-MATCH #12.....24.713 556 1531 SD
 NET-WORKS DAILY NET.....24.713 493 611E
 NET-WORKS DOC BOARD.....24.713 471 4131 PD
 NET-WORKS THE DARK REALM.....24.713 333 2309 PD
 NET-WORKS THE DIGITAL DIMENSION.8PM-7:30AM 713 497 4633 PD
 NET-WORKS THE INNER REALM.....24.713 583 2002 PD
 NET-WORKS THE SHADOW WORLD.....24.713 777 8608 PD
 NET-WORKS THE SYSTEM.....EVENINGS.....713 785 799&
 NET-WORKS THE WEEKENDER.....24.713 492 8700
 NET-WORKS ZACHARY#NET.....24.713 933 7353
 RBBS PC PLACE.....24.713 488 7179
 RBBS GRAND ILLUSION.....24.713 568 2035
 RCP/M HOUSTON TECH 5PM-7AM M-F 24 WKEND.....713 522 3805 RB
 SOBBS POOR MAN'S BBS HOUSTON.....24.713 453 7931
 SOBBS POOR MAN'S BBS #2 HOUSTON.....24.713 859 4409
 TBBS FREELANCIN' ALVIN.....24.713 331 2599&
 TBBS FREELANCIN' HOUSTON.....24.713 488 2003&

This list was furnished by Stan Barber. Some listing were left off, such as for Apple & TRS-90.

EDITOR'S ROM

WELL, I'VE PUT OUT MY FOURTH EDITION OF THIS NEWSLETTER AND I AM NOT COMPLAINING...YET! FIRST OF ALL I WOULD LIKE TO SAY THANKS TO WAYNE WRIGHT, J. R. BASTARDO, JANE ROWLAND, TOM JAY, JOHN SEWELL, DODD EASTHAM, JIM CHESSHER, BILL RISTER AND "CHIA" GREER FOR SUBMITTING ARTICLES TO MAKE OUR NEWSLETTER A SUCCESS. NOW COMES THE COMPLAINING. THE ABOVE NAMES REPRESENT LESS THAN 6% OF OUR MEMBERSHIP AND THESE ARE THE ONES THAT ARE CONTRIBUTING TO MAKE MY JOB EASIER. I AM SURE MANY OF YOU HAVE AN IDEA OR TWO THAT YOU COULD SHARE WITH US. OR SOMEONE JUST BEGINNING USING THE 99/4A MAY HAVE A QUESTION. SHARE IT WITH US--THERE ARE PROBABLY OTHERS WITH THE SAME QUESTION. AND WE WILL TRY TO GET IT ANSWERED.

TO SUBMIT AN ARTICLE OR QUESTION. JUST SEND IT TO ONE OF US LISTED UNDER "NEWSLETTER COMMITTEE". WE PREFER THAT ARTICLES BE COMPUTER PRINTED OR TYPED. BUT WE'LL TAKE HANDWRITTEN MATERIAL. BUT MAKE SURE WE CAN READ IT. I HAVE TWO ARTICLES THAT WERE PHOTO-COPIED THAT I CANNOT FIGURE OUT.

WE WILL NOW BE ACCEPTING ARTICLES OVER THE TELEPHONE VIA MODEM. AS I SIT HERE TYPING, I CAN LOOK OVER AT THE CHRISTMAS TREE AND SEE MY MODEM UNDER IT. I KNOW, THOUGH IT'S A PRESENT FROM MY WIFE. I PICKED IT OUT. SO IF YOUR WIFE'S HAVING A BABY. BEFORE YOU LEAVE FOR THE HOSPITAL, PICK UP THE PHONE AND SEND ME AN ARTICLE. (LAST MONTH GEORGE BASTARDO'S REPORT WAS DELAYED BECAUSE HIS WIFE WAS HAVING A BABY..

I'D LIKE TO WISH ALL OF YOU GOOD WISHES FOR THE NEW YEAR. LET US KNOW HOW "HUB" AND THE NEWSLETTER CAN SERVE YOU.
 -BILL KNECHT