

S.N.U.G.

Southern Nevada Users Group

VOLUME 2 NO. 1

JANUARY 1984

GREETINGS:

WHAT'S NEW?

P
R
E
S
I
D
E
N
T
S

Well, since our last newsletter I have done a lot of research; referencing different magazines and reviewing other user's group newsletters, and have been able to conclude that the general opinion throughout T. I. land is that things are getting increasingly better for the two million plus 99/4 and 99/4A owner's. I've also seen that the changes and transitions that are being made are taking more time than most of us expected so relax and be patient and I'm sure very shortly we'll be seeing a lot of new and exciting things.

M
E
S
S
A
G
E
*

In December I mentioned that in a conversation with Ed Wiest, I was told about a future "CARE PACKAGE" that would contain information on the FORTH language. My new information is now that we'll be seeing this in February, cross your fingers everyone.

I just received a care package from T.I. this week. Yes, this was the first since October. There was quite a lot of new information and also several pieces of old. Some of the highlights will be covered in another section of this newsletter and the rest will be covered in detail at our February 13th meeting.

Speaking of meetings, I would like to thank everyone who participated in our January 16th meeting. It was definitely the kind of meeting we have been striving for. A special thanks to Jerry Glaze who so expertly coordinated everything. Our February 13th meeting should also be an exceptional meeting. We have been able once again to secure one of the T. I. experts from Computer Magic, Mr. John (Jack) Bates. This meeting will also have a "VALENTINE'S DAY" flavor. Hope to see everyone out.

UNTIL THEN

P.S.

HAPPY COMPUTING,

Mark
Mark



S.N.U.G., P.O. BOX 4920, LAS VEGAS, NV
President - Mark Boswell 649-5081
Vice President Frank Orth 452-1046
Treasurer - Andy Urban 458-8529
Secretary - Charlene Yule 363-6802
Library - John Kirby 877-9219
Membership - Bill Armstrong 458-7538
Newsletter - Jerry Glaze 648-3928
Youth Liason - Darren Rose 458-4614

90 CALL CLEAR
100 DATA 66,114,105,110,103,
32,89,111,117,114,32,129
110 REM *NO RESTORE 100* REQUIRED
120 FOR I=11 TO 22
130 READ X
140 CALL HCHAR(12,I,X)
150 NEXT I
160 CALL CHAR(129,"2466FFFF7E3C1818")
170 CALL COLOR(13,10,1)
180 GOTO 180



January Minutes

The January Meeting of S.N.U.G. was held at the Las Vegas Library, January 16, 1984, with approximately 45 in attendance. Frank Orth, Vice President, brought the meeting to order. He reported the executive board met and plan to concentrate on recruiting new members. Some committees are getting off to a good start - library, John Kirby and newsletter, Jerry Glaze.

John Kirby reported that the programs from Washington, D.C., have not arrived but we do have about 40 programs in the library. The programs are on cassette and coded as towhat peripherals are required. They may be checked out one month for \$3.00, recorded and returned the following month; \$2.00 will be returned. John has a list of the programs by catagory. This is for members only.

Jerry Glaze requested the filled-out survey be turned in. Please try to get the survey in to help with future planning. Jerry plans to co-ordinate information from the survey and include it with a list of members, addresses and phone numbers in a future newsletter. He has begun work on the February newsletter. Anyone may contribute items or programs of interest to appear in the newsletter. He announced that Charlene Yule has agreed to be secretary pro tem, as Debbie Baker has a work conflict.

Dr. Bates from Computer Magic will be our speaker at the February meeting. In March a programmer from L.I.L. will present information on how to organize programs.

George Campbell presented programs written by his grandson. One showed sprites without extended basic and the other demonstrated the accept statement.

John Martin brought information from the Consumer Electronics Show. He brought a case of K Power Magazines for each to have one. He reported on other new magazines and the Oscar-Bar Code Reader. He presented programs showing the use of the dim statement and searching.

Gordon Leonard presented information on extended basic using using multi-statement lines, display at, accept at, pre scan and with the use of sea gulls showing depth with sprites.

These demonstrations were interesting and informative. Several people had questions answered on problems they had been having.

The meeting was quickly adjourned at 8:55 p.m.

Respectively submitted,

Charlene Yule, Secretary pro tem.



1983 S.N.U.G. MEMBERSHIP ROSTER

The purpose of this listing is for members to COMMUNICATE with one another regarding computer programming skills, questions, techniques and interests.

As surveys are completed and submitted by members wishing to contribute to the educational development and enrichment of SNUG, information will appear.

For now, if you have any questions on programming or problems to solve, just begin calling until you find somebody that can help you.

Mark Boswell.....649-5081
Frank Orth.....452-1046
Andy Urban.....458-8529
William Armstrong...458-7538
James Matthews.....735-0904
John Maurice.....646-3690
Darren Rose.....458-4614
Mac Motonaga.....456-2801
William Compton.....648-7107
George Campbell.....564-1586
Randy Morphew.....649-8658
Dion Hinchcliffe...870-0509
Ted Stritof.....877-1864
Fil Juadines.....452-7572
John Kirby.....877-9219
Gena Wagaman.....457-5556
Doris Byers.....878-9112
Bob Boyett.....451-7585
Robert Sherburne...642-6972
Larry Yule.....363-6802
Charlene Yule.....363-6802
Jerry Glaze.....648-3928
Katie Stevens.....645-3483
Gordon Leonard.....384-2302
Don Mitchell.....736-1644
Roy/Beverly Hufford.385-1068
John Martin.....647-1062
Joe Leavitt.....384-7246
Colt Dodrill.....363-6080
Joan Carter.....458-6040
Robert Buchanan....363-1043
Phil/Sherre Flood...
Ralph/Daphne Guise..458-2926
Lawrence Keese.....
Debbie Moulton.....
Everett Fliegman...451-2776
John Schneider.....878-4292
Rudy Johnson.....871-9583
Jerry Martin.....367-8871
Lew Williams.....451-2290

The space to the right of the list is to make notes on what you find out about who and how they do this, that and the other thing. We will be re-issuing this page from time to time with information compiled from the survey. GET ACQUAINTED!

A few new/recent members' names and phone numbers will appear in next months NL.

This is a simple program I have found to be helpful in re-defining characters, and trying to "de-bug" typographical errors in character definitions.

Lines 110 - 190 scroll the hexadecimal conversion (this deletes the need of constantly referring to another source)

Line 200 prints the letter "Y" to be used as a pointer for the sixteenth place in the character definition

Lines 210 - 230 inputs your character definition as A# and re-defines character 120 as A# then prints it on the screen in row 20, column 25.

Lines 240 - 320 are used to reverse colors (a); accepts new character and print hexadecimal conversion (press enter) or accept new character without re-scrolling hexadecimal conversion (press any key).

This program makes good use of the "CALL KEY" statements.

```

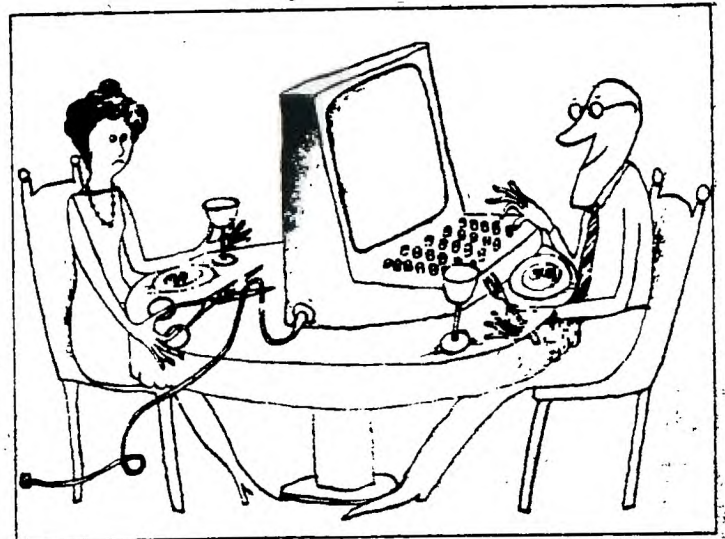
100 CALL CLEAR
110 PRINT "0000=0", "X000=8"
120 PRINT "000X=1", "X00X=9"
130 PRINT "00X0=2", "X0X0=A"
140 PRINT "00XX=3", "X0XX=B"
150 PRINT "0X00=4", "XX00=C"
160 PRINT "0X0X=5", "XX0X=D"
170 PRINT "0XX0=6", "XXX0=E"
180 PRINT "0XXX=7", "XXXX=F"
190 PRINT :::::
200 PRINT TAB(26);"Y"
210 INPUT "CHAR DEF. _":X#
220 CALL CHAR(120,X#)
230 CALL HCHAR(20,25,120)
240 CALL COLOR(12,16,2)
250 CALL KEY(3,K,S)
260 IF S=0 THEN 250
270 CALL COLOR(12,2,16)
280 CALL KEY(0,K,S)
290 IF S=0 THEN 280
300 IF K=13 THEN 100
305 IF K=65 THEN 240
310 CALL CLEAR
320 GOTO 200
    
```



NEW SECRETARY

Debbie Baker has taken on a neat new job! Involving a computer! Congrats, Debbie! Imagine getting a job doing something you like to do...computing. Anyway, the job takes up Debbie's evenings and so precludes her secretarial gig with SNUG. Debbie did a real good job for us and we thank her for that. (Who else always got the Newsletter out on time?!)

Charlene Yule will take Debbie's place, 'til someone fills the position on at least an annual basis. We thank Charlene for pinch hitting. I believe the phrase is "Pro tem" Yes, Charlene Yule - Secretary, pro tem. Pro tempore - for the time being.



PROGRAM TIPS - by John Martin

ROUNDING OFF (\$29.94 ~~244567888~~)

Here is a simple routine for getting your computer to round off numbers instead of just giving the INTEger. It can be used to round to the nearest whole number or to any decimal.

For rounding to whole numbers, use this line at the beginning of your program:

```
10 DEF R(X)=INT(X+.5)
```

When you want to round a number, just insert its variable name in the parenthesis. For example, to round the variable Q and PRINT it, the format would be PRINT R(Q)

If you want to round to some decimal value, the DEF statement would be modified like this:

For one decimal place:

```
10 DEF R(X)=INT(10*X+.5)/10
```

For two decimal places:

```
10 DEF R(X)=INT(100*X+.5)/100
```

And so on.....

If your program requires rounding some variables to whole numbers and some to decimals, simply use multiple DEF statements.

I use R(X) for whole numbers, R1(X) for tenths, R2(X) for hundredths, etc.

```
10 DEF R(X)=INT(X+.5)
```

```
20 DEF R1(X)=INT(10*X+.5)/10
```

```
30 DEF R2(X)=INT(100*X+.5)/100
```

And so on..... John Martin

Ph: 647-1062

CONTINUED FROM LAST MONTH.....

MORE CALL SOUNDS FROM 99'er Mag. V1#6

```

280 REM BEE
290 N=1
300 CALL SOUND(-99,RND*8+110,RND*10)
310 N=N+1
320 IF N=75 THEN 330 ELSE 300
330 REM END

340 REM SHORTWAVE RECEIVER
350 N=1
360 F=RND*15000+110
370 A=RND*30
380 CALL SOUND(-99,111,30,111,30,F,A,-8,30-A)
390 N=N+1
400 IF N=100 THEN 410 ELSE 360
410 REM END

420 REM RADIO TELEPRINTER
430 N=1
440 CALL SOUND(22,2975,0)
450 FOR D=1 TO 5
460 S=850*INT(RND*2)
470 CALL SOUND(22,2125+S,0)
480 NEXT D
490 CALL SOUND(31,2125,0)
500 N=N+1
510 IF N=30 THEN 520 ELSE 440
520 REM END

530 REM FOOTSTEPS
540 N=1
550 X=INT(RND*5)
560 IF X=2 THEN 620
570 CALL SOUND(5,-3,5)
580 CALL SOUND(30,-7,20)
590 CALL SOUND(500,-7,30)
600 N=N+1
610 IF N=30 THEN 640 ELSE 550
620 CALL SOUND(60,-7,20)
630 GOTO 590
640 REM END

```

**ENGINEERING
NOTES**

SUBJECT MARCH SNUG MEETING

DATE 1/27/84

PAGE 5

FROM John Kirby

March S.N.U.G. Meeting Program will feature MATT KINKENON, COMPUTER SCIENTIST. Matt is with the Lawrence Liverpool National Laboratories - Nevada. LLNL home offices are in Liverpool, California, and are involved here in Nevada with EG&G. Matt has a Bachelor's degree in Science, Computer Science and Mathematics and will lecture on the subject of STRUCTURED PROGRAMMING. Arrangements for Matt's lecture were made by John Kirby. John is also an electronics engineer and has schematics for building your own cassette cable with Radio Shack components for a fraction of the cost of a TI dual cassette cable. That will be in the next NEWSLETTER. Also scheduled for the next NEWSLETTER is an article on building your own JOYSTICKS - made available through John Kirby. A library listing and member-owned peripherals listing and 1st quarter FINANCIAL report will be in the next newsletter.



ATTENTION TI 99/4A OWNERS!

Now That You Have A Great Home Computer
COME TO A GREAT COMPUTER STORE!

★ COMPUTER MAGIC ★

-The Las Vegas Texas Instruments Specialists-
We have Over 130 TI Software Titles in Stock,
Most at REDUCED PRICES, including

- ★ Tunnels of Doom
- ★ Adventure
- ★ Super Demon Attack
- ★ Slymolds
- ★ Personal Record Keeper
- ★ Mini Memory
- ★ Extended Basic
- ★ Terminal Emulator II

PLUS

- Computer Classes for Children and Adults
- Programming Consultation
- Printers and Related Accessories
- Cassette Cables, Joysticks, Dust Covers

BRING IN THIS AD FOR A FREE COPY OF
THE 99'ER HOME COMPUTER MAGAZINE!

TEXAS INSTRUMENTS MAY HAVE DESERTED YOU,
BUT COMPUTER MAGIC HAS NOT!

COMPUTER MAGIC

A UNIQUE FAMILY LEARNING & SALES CENTER

3700 E. DESERT INN RD.—SUITE 3

at the corner of Desert Inn &
Sandhill in the Lucky Shopping Ctr.

Monday-Friday 12 PM-9 PM
Saturday 10 AM-5 PM

456-0858

S.N.U.G.
P.O. BOX 4920
LAS VEGAS, NV. 89127-0920

NEXT MEETING
MON. FEB. 13TH



TO:

Edmonton Users' Group 78
P.O. Box 11983
Edmonton Alberta, Canada T5J3

