KENTUCKIANA 99/4 COMPUTER SOCIETY

NEWSLETTER

JANUARY, 1984

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LAST MEETING:

Our last meeting was held on December 11, 1983 at U of L, Shelby Campus.
We had a demonstration of computer interface with HAM radio equipement by
two of our HAM members who set up their radios and computers. It was
quite impressive. Also one of our members had a new Atarisoft
cartridge(Pacman). The graphics were fantastic. This was all followed by
much lively discussion and exchange of information.

Thanks to Gary Morrison for arranging for the use of the U of L
facilities.
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NEXT MEETING: JANUARY

Our next meeting will be held:

                    Sunday-January 29, 1984
                    Time-2:00 PM
                    Place:
                    University of Louisville, Shelby Campus
                    Founders Union Hall, Room 218A
                    9001 Shelbyville Rd.
                    Louisville, KY

DIRECTIONS:

Leave I-264 (Watterson Expressway) at Exit 20A and follow US60 East
(Shelbyville Rd.) about 3 miles. Look for Shelby Campus on the left (if
you reach Hourstbourne Lane you are approx. 1/8 mile too far). When you
turn in the entrance you will be headed toward a building with a large
open area in the middle of it. Founders Union Hall is the building to the
right.
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RANDOM ACCESS
by Larry Hughes
QUALITY 99 SOFTWARE

The May issue of the TI Home Computer Newsletter had a program statement on page 5 of:

    100 ON X+(Y/5) GOTO ...

That statement can be improved by eliminating the parentheses, because they are unnecessary. The improved statement is:

    100 ON X+Y/5 GOTO ...

This is a good example of the "My Dear Aunt Sally" rule, i.e. Multiplication and Division are performed _before_ Addition and Subtraction. See rules for mathematical hierarchy, page II-13 in the User's Reference Guide.

The improved statement will execute 13% faster than the original statement and also saves two bytes.

So you see, it does make a great deal of difference how a program is coded!

The September issue of the TI Home Computer Newsletter had an article on page 5, "Tips for Using Variables". Unfortunately, the article contained a few ambiguities and errors. So, in the interest of accuracy (which, after all, is the name of the game in computer programming), I offer the following clarifications.

"A variable can be up to 15 characters long." --- I think what was meant is, "A variable name can be up to 15 characters long." (It can also be 15 characters long.) Actually, a _string_ variable can be up to (and including) 255 characters long.

"The name cannot contain a space (character 32), or any reserved word." --- Actually, there are 52 other characters that cannot be used in a variable name either. See page II-11. (Note that lower-case letters cannot be used, because TI BASIC changes them back to upper-case letters.) Furthermore, a variable name can contain a reserved word. See page II-16.

The article gave a program statement as, "PRINCIPLE*RATE=INTEREST". Of course, that simply will not work. It should be, "INTEREST=PRINCIPLE*RATE".

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Some people have told me that they did not receive a November or December
newsletter. If you did not receive one or both of them please drop me a
note. I plan to forward your notes along with a letter to the Postmaster.
I doubt that we will solve anything but they will at least know of our
dissatisfaction. When I get your notes I will send you another copy of
the one you did'nt get and we will see if they can loose that one too.

P.S. Let me know if you don't get this one!!!!

                                        John Tucker

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COMPU MASTERS

We now have a good supply of RS232 cards as well as any other hardware you
might need. For more information or if you wish to place an order call
Joanne on 423-1125 or stop by the shop located at 8203 Shelbyville Rd.,
Louisville,KY 40222.

SPECIAL SALE

GP-100 GRAPHIC PRINTER_____$200.

This printer is graphics capable. List price for this unit is $299. and
our regular price is 259. There is also a 2 year user warranty on
this unit. If your looking for a printer don't miss out on this buy.

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DOOR PRIZE WINNERS

The November and December door prize winners were:

John Hester & Dick Bedo

CONGRATULATIONS!

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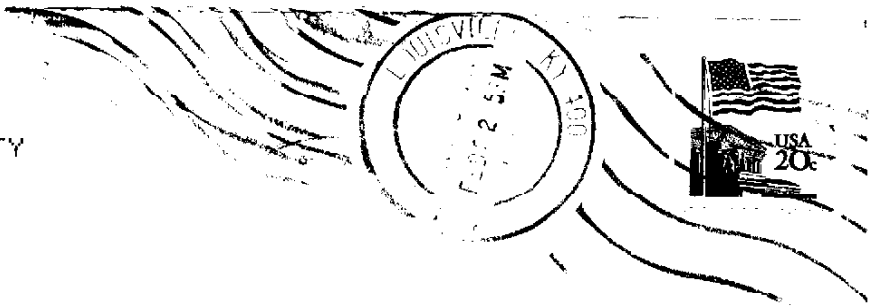This newsletter is published through the efforts of the:

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