

DECEMBER 29, 1969

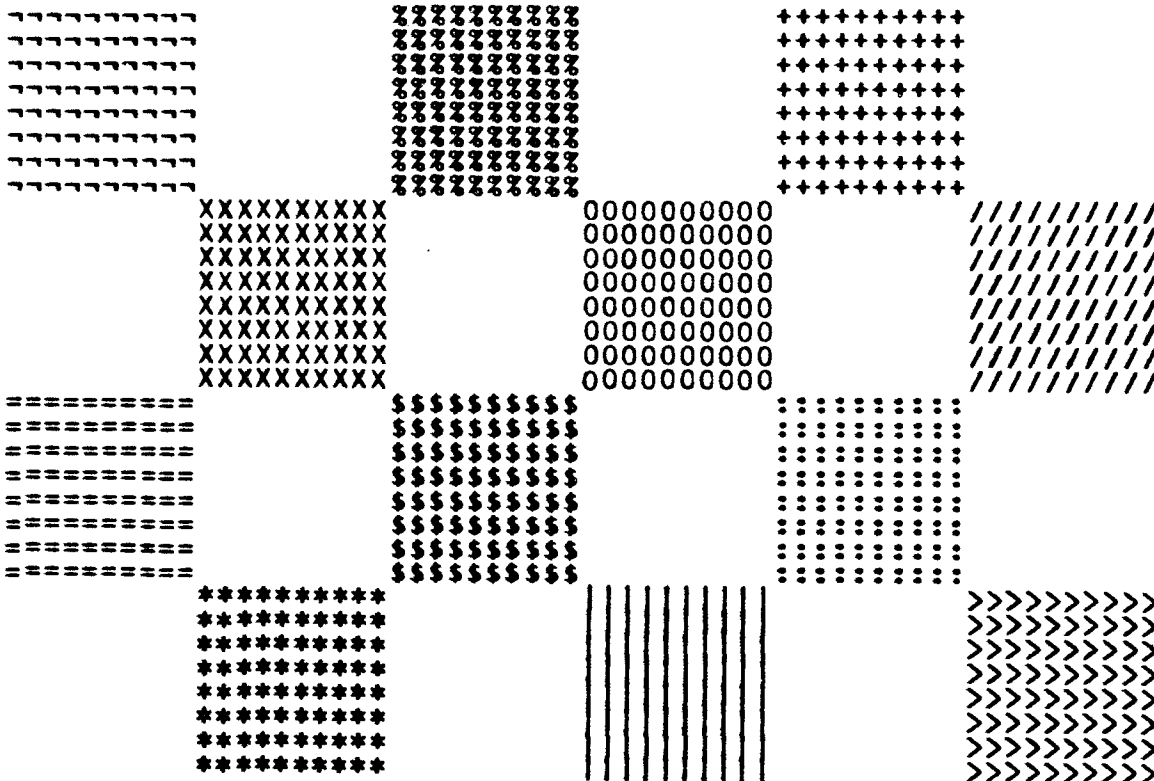
NEWSLETTER

VOLUME 2, NUMBER 1

ST. PAUL CAMPUS COMPUTING CENTER
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C O N T E N T S

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NEWSLETTER COVER COMMENTS

The new cover, which was produced in its entirety by the computer printer, demonstrates the photographic possibilities of computer output. With a photographic process available at the Bulletin Room, the original computer output copy was photographically rescaled to the desired size and reproduced in that format. The Computing Center provides two sizes of unlined, white stock specifically for this purpose. We have the standard size form (11" long x 14 7/8" wide) and a special form (17" long x 11 3/4" wide) that lend themselves easily with photo reduction to the standard 8 1/2 x 11" sheets. Those wishing to use these special purpose forms may simply request them by a note to the Computer Operator (6 lines/inch is assumed unless 8 lines/inch is specifically requested).

ANNOUNCEMENTS

Dr. Hugo H. John, who has served so ably during the past two years as Computing Center Director, is now on leave with the Food and Agriculture Organization at the National University in Medellin, Columbia, South America.

We extend our thanks to Dr. John for the excellence of his leadership and wish him the best of luck with his work in South America.

Mr. Howard Kaikow, a SPCCC Programmer, has taken a position at the Center of Mathematical Studies in Business and Economics, University of Chicago. We wish him the best of luck and thank him for his contribution in statistical applications.

INTERNAL SORT ROUTINE (SPSORT)

We now have documented an internal sort routine available on our system. At the present time, this routine has no facility for carrying other arrays along with the sorted array. The user of this routine has the option of sorting arrays in ascending or descending order and specifying the mode (integer, real, or double precision). A writeup of this sort may be obtained from the SPCCC secretary.

ADVENTURES IN FORTRAN

This section is a new addition to the SPCCC Newsletter and is designed primarily for our FORTRAN users. Its purpose is to help programmers in further understanding our FORTRAN IV compiler (currently at Level E/DOS). Although the subject matter of this section will not necessarily reflect the performance of other compilers, many of the concepts presented will have general significance to almost any FORTRAN compiler.

Problem: The data card to be read by this program is punched '22' in columns 1 and 2.

```
      READ(1, 1)F, I
      1  FØRMA T(2A1)
      IF(F-I)20, 10, 20
10    J=1
      GØ TØ 30
20    J=2
30    WRITE(3, 2)J
      2  FØRMA T(I3)
      CALL EXIT
      END
```

What value of J is printed out?

Why?

Anyone wishing to receive the answer to this problem may use the form below.

We would appreciate any responses to this article. Please submit any problem which may be of interest to our other readers.

Send this form to: Dave Schempp
(use address on cover)

Wish to receive answer

Comments (questions, other problems, recommendations,
criticisms):

Name: _____

Campus Address: _____

SPCCC COMPUTER PROGRAMS ORIENTATION SESSION

We are offering a short (2 hour) computer program orientation session on Thursday and Friday, January 8th and 9th.

PLACE: Room 6A North Hall (lounge area)

TIME: 2:30 to 4:30 PM

This time will be spent primarily in demonstrating the use of the existing routines and programs that are available on our 360 System. The subject matter will be presented at an introductory level and geared to individuals having limited knowledge of data processing or of the facilities available on our 360 System. Individuals need attend only one day.

If you wish to be included in our newsletter mailing list or wish to remove your name from the list, please fill out the following form and return it to Mrs. Eva Klein, 26 North Hall. If you have any colleagues to whom the newsletter might be of interest, please show them this issue.

Name _____

Dept. _____

Campus Address _____

Name _____

Dept. _____

Campus Address _____