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ST. PAUL COMPUTER CENTER UNIVERSITY OF MINNESOTA ST. PAUL, MINNESOTA 55108

Volume 1 Number 4 October 1980

GOODBY, DOS/26

Those old programs of yours worked on our old IBM 360; but they will not work on our new IBM 4331 after November 5, 1980. The reason is that we will have converted from our old operating system, DOS/26, to our new operating system, DOS/VSE.

Users are urged to do necessary conversions soon, so that they can run their jobs under the new DOS/VSE. Service under DOS/26 will be cut back in stages before November 5, 1980. During this time the old, unconverted programs will run, but the turnaround time might be considerably longer; and each run will cost more.

We have found that most conversions have not been particularly difficult. Users who are interested in converting their old programs can contact Mel Sauve (373-0987).

The DOS/26 operating system was released by IBM 10 years ago. The St. Paul Computer Center was one of the early users of DOS/26, and it is now one of the last users of that operating system. Goodby, DOS/26!

DATA ENTRY GUIDELINE

Please note the following data entry coding conventions before submitting work:

Numeric	Alpha
1	I
2	Z
5	S
0	Ø

It is especially important to be unambiguous in the coding of your programs and data sheets.

Data will be automatically put on cards, unless a tape is specified. The 600 foot tapes are 9 track, 800 BPI, unlabeled, and in EBCDIC.

A more detailed guideline on the preparation of data is available as a handout from either the data entry supervisor, 6 North Hall, or from the Main Office, 33 North Hall. The telephone number for data entry ("key-punch" is 376-9222.

THE COFFEY HOURS

Users will be able to obtain access to 90 Coffey Hall (the Computer User's Room) from 7 a.m. to 10:30 p.m., Monday through Thursday, and from 7 a.m. to 6 p.m. on Friday. These hours can vary slightly, and Coffey Hall sometimes is open later for special occasions.

If you want fast turnaround time, you ought to submit your jobs between 8 a.m. and 11 a.m. Long production jobs should be left to run overnight.

AND FOR THE NEW USER THERE IS ...

SPCC offers support for all batch jobs on the St. Paul Campus, whether they be remote job entries to the CYBER's in Lauderdale, or direct submissions to our own IBM 4331. Support includes data entry ("key-punch") (376-9222) the Help Desk in 90 Coffey Hall (376-4602) and extensive consulting, if you need it.

The SPCC features the Statistical Analysis System (SAS). SAS is an integrated system for data management and statistical analysis. It has extensive capabilities for data manipulation and reporting. Because it is comprehensive and yet easy to use, we feel that SAS is superior to other statistical packages, such as SPSS. In effect, SAS is a simple language for the user who wishes to do routine processing and analysis of data.

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We also offer support for the IBM versions of FORTRAN and COBOL. However, potential users of these languages ought to see one of our consultants first, before submitting their jobs. Call either Jim Colten or Dave Savela at 373-0987 or 376-2828.

If you need help in planning the design of experiments, the Statistical Clinic in 125g Classroom Office Bldg. (376-3845) is available. Also, if you have specialized needs beyond the general management and analysis of data the University Computer Center in Minneapolis can help you: call its Help Line (376-5592) or the help line for micro-computers (376-4276 or MICRO for calls within the University).

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## DISK STORAGE FOR SAS

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SAS DATA STEPS which contain input statements take a fair amount of computer time. If you plan to use your data frequently, you will save time and money by putting it on permanent file. (See the handout, "How to Access and Use SAS", which is available at both the Main Office in 33 North Hall and the Help Desk in 90 Coffey Hall.)

We recommend the following approach:

Phase I. Establish a SAS data set which includes all of the variables which you might use in the next few weeks. Include any transformations which you plan to use.

Phase II. Analyze your data, using the SAS PROCs. If you need to alter the data set, you can do this by using a DATA STEP with the SET statement.

This approach will drastically reduce your SAS computing costs.

C O M P U T E R O P E R A T I O N S

Overall responsibility for maintenance of computer facilities on the St. Paul Campus is with Dick Rignell (Supervisor) 376-2826. Some of the sites have a staff member who can answer your questions.

	Computer Facility	Location	Hours**	Staff*	Phone
General Use	User's Room	90 Coffey Hall	7-10:30 p.m. Monday-Thurs	Help Desk	376-4602
			7-6:00 p.m. Friday	Operator	376-2827
	User's Rooms	24 & 36 NorH	8-11:30 p.m. Monday-Fri	Peter Mattson	373-0987
	Interactive Instructional Lab	125e COB	8-10:00 p.m. Monday-Thurs	Consultant or	---
			8-6:00 p.m. Friday	Christopher Bingham	373-0988
			9-12:00 p.m. Saturday		
	IBM 4331 Computer	90E Coffey Hall	7-Midnite Monday-Fri	Operator	376-2827
Remote Batch Use	Univac 1004 (ID=40, ID-4G)	24 NorH	8-11:30 p.m. Monday-Fri	Peter Mattson	373-0987
	Univac 1004 (ID=48)	125g COB	8-10:00 p.m. Monday-Thurs	Consultant or	---
			8-6:00 p.m. Friday	Christopher Bingham	373-0988
			9-5:00 p.m. Saturday		
	Univac 1004 (ID=47)	257A Bio Sci	8-5:00 p.m. Monday-Fri	Farad Anklesaria	373-0927
	Univac 1004 (ID=42)	186 McNeal Hall	8-5:30 p.m. Monday-Fri	Grace Wahlert	373-0939
Interactive Use	Interactive Instructional Lab (2 Hazeltine 2000's - 7 DTS's - 4 Decwriters)	125e COB	8-10:00 p.m. Monday-Thurs	Consultant or	---
			8-6:00 p.m. Friday	Christopher Bingham	373-0988
			9-5:00 p.m. Saturday		
	Teletype (TTY)	90 Coffey Hall	8-10:30 p.m. Monday-Thurs	Help Desk	376-4602
		8-6:00 p.m. Friday	Operator	376-2827	
	Teletype (TTY)	10 North Hall	8-5:00 p.m. Monday-Fri	Peter Mattson	373-0987
Curve Tracer	Hewlett-Packard Calculator-Digitizer	24 North Hall	7-11:30 p.m.	Mei Sauve	373-0987

\*Staff personnel listed are available during normal working hours.

\*\* Keys may be checked out for access after normal working hours.