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Terminal Talk - The Wofford Connection - February 1978

Wofford College Computer Center

TERMINAL TALK
-THE WOFFORD CONNECTION-
Wofford College Computer Center Spartanburg, South Carolina

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USAGE REPORT

Category	CPU Seconds	Connect Minutes
Computer Science	143,759	54,145
Physics	17,922	3,063
Chemistry	23,525	16,873
Biology	2,164	1,201
Geology	450	194
Mathematics	3,600	2,034
Psychology	18,645	4,769
Government	9,638	2,007
Sociology	1,572	1,045
Education	150	59
Economics/Accounting	2,714	1,177
English/Arts/Language	945	497
History/Philosophy	371	246
Other Academic Uses	499,080	67,071
Computer Center	149,242	43,565
Demonstrations	1,711	1,092
Games	272,427	96,411
Non-Wofford Uses	1,479	612
Administration	670	230
Totals	1,150,064	296,291

The table above shows terminal usage figures for the period September 1977 through January 1978. Usage figures, based on connect minutes, are 35% greater than those for the same months of the previous year. The number of individuals holding accounts was about 620, an increase of 24% over the previous year.

Software Spotlight

Twenty physics CAI programs in the PHYSCHEM series have been recently added to the public library. These CAI (computer assisted instruction) programs are designed to aid students in learning and working with many of the basic concepts in physics. These programs ask the student questions and give hints and instructions when the answers are wrong. Another feature of these programs is that they may be run in the Individual Instruction mode. This enables the student to run the program and receive a set of questions. The student then works on these problems away from the computer. When he has finished, the student runs SCI:PHTEST and inputs his answers. PHTEST grades his answers and prints out his score along with the correct answers. In order for the student to use the I/I mode, he must run SCI:PHO which will instruct him further. These programs should be of help to beginning physics students and others who need to review basic physics.

User Notes -- V6C changes from V6B

1. File OPEN MODE 1024% creates a new file at the end of a directory.

2. File OPEN MODE 1536% creates a new file at the head of a directory.

3. CTRL/R can be used to retype a current line with deleted characters removed.

4. CTRL/Q is now the only character to use to resume output after CTRL/S.

5. Pseudo keyboards --PK: jobs are now killed when the PK: is closed unless the PK: has been opened in MODE 1%.
   Also PUT #N%, RECORD 16% will kill the job on the controlled keyboard.

6. SYS(CHR$(12%)) returns the contents of the file request block which contains data on the most recently opened file in the format of the FIP calls (CHR$(6%)+....).

7. DIRECT has new switches ---see DIRECT.HLP.

8. LOGOUT -- when installed, the new version will not allow deletion of write-protected files.

9. SYSTAT -- displays slightly more information, such as the indication of 'New files first' disks and maximum job size for each run-time system.

10. TTYSET -- SPEED settings have been removed from the MACROs.
    LIST option to print terminal characteristics.
    "RESUME ANY" allows any character to act as CTRL/Q.
    "RESUME CTRL/C" will then require CTRL/Q or CTRL/C to resume typed output.

11. EDIT and FILCOM work with ASCII stream files and warn the user if a file has other attributes.

12. PIP is replaced by PIP.SAV with many more options. See PIPSAV.TXT. This runs under the RT11 run-time system. Use = instead of < between output and input file specifications.

13. TECO -- This character-oriented text editor has been provided but not supported. No user manuals have been prepared, although documentation is supplied on disk (454 blocks).

14. EDT -- a line-oriented editor; runs under the RSX run-time system. It is called the DEC standard editor and said to be easier to use than EDIT.