Homework 5

Due 1 April, 1985

Redo the BASIC program, find the next highest prime, in FORTRAN 77. Be sure to use at least one FORTRAN function in your solution.

A compiler option of VS FORTRAN selects whether you wish your program to be compiled in either FORTRAN IV or FORTRAN 77. The JCL for running FORTRAN 77 at TUCC is:

```
// job card
/*JOBPARM FORMS=1121
// EXEC FTVCG,PARM.C='LANGLVL(77),NOSDUMP'
//C.SYSIN DD *
your FORTRAN program goes here
//G.FT01F001 DD *
your input goes here
//
```

You may wish to get a copy of TUCC memo LS-362 for more information about VS FORTRAN at TUCC.

TUCC has adopted non-standard data set references numbers for its FORTRAN compilers. In particular, standard input is read from unit 1 (not 5), and standard output is written to unit 3 (not 7). Keep this in mine if you are referring to books or manuals written about FORTRAN.

Midterm

Remember. The midterm will be Wednesday, March 20. It will cover chapters 1 through 4 of the textbook and the programming languages BASIC, FORTRAN, LOGO, and Pascal.