1. Skim pages 1 through 11 of the text.

2. Carefully read pages 12 through 37.

3. Work your way through the Getting Started handout. Please do this soon. If there are any problems with your account, they need to be fixed immediately.

4. Create a directory called HW1 and cd to it. Use emacs to write the following program:

```fortran
C Calculate the area of a circle of a given radius.
program carea
real rad, area, pi
print *, 'Enter the circle radius: '
read *, rad
pi = acos(-1.0)
area = pi * rad**2
print *, 'Area = ',area
stop
end
```

Note that the non-comment lines start in column seven (emacs will move you to the appropriate column in you hit the tab key).

Also, add to this, and to all programs in the future, comment lines that give your name, your ID, the class, and the assignment number. You will also need to give a comment, such as the one I’ve already included, that describes what the program does. Use “good FORTRAN style,” i.e., indent your code and provide comments as appropriate (this assignment doesn’t require any comments beyond the required identifying material at the start).

Compile your program using the g77 compiler as described in the Getting Started handout.

Submit your work in accordance with the instructions in the Submit Utility handout. **NOTE:** You must make a proper submission of a correct program to get credit. (If you write a correct program but don’t submit it, you will not receive any credit. The grader will not search your directories for your work!)