CS 352 – Prof. Mark   **Assignment #1**   **Due Feb 1, 2005**

Reminder: Homeworks are due at the *start* of class.

Problem #1

This is a trivial programming assignment; the purpose is to make sure that you have a UTCS unix computer account, know how to use the compilers on our system, and know how to use the UTCS "turnin" program. This problem should be done individually.

a) Choose a language, C, C++, or Java.
b) Write a "Hello World" program – that is, a program which prints the string "Hello World!" to the console. If you have made to CS 352, we hope this is easy.
c) Compile the program:
   for C: use `gcc` to compile `helloworld.c` into `helloworld` executable
   for C++: use `g++` to compile `helloworld.C` into `helloworld` executable
   for Java: use `javac` to compile `helloworld.java` into `helloworld.class`
d) Verify that your program works.
e) Use "turnin" to submit both the source code file and the executable file.
   e.g. for Java, you would type:
      `/p/bin/turnin –submit cdl hw1 helloworld.java helloworld.class`

Problems #2-#12:

P&H 4.1

P&H 4.2

P&H 4.3

P&H 4.10

P&H 4.12

P&H 4.15

P&H 4.17

P&H 4.19 (on CD)

P&H 4.20 (on CD)

P&H 4.21 (on CD)

P&H 4.22 (on CD)