EE150 Intermediate Programming Concepts for Engineers Lab 2

Please turn in the assignment electronically.

Take your code for Lab 1and copy it into a new directory (name it lab2 or something similar).

Within the new lab directory create a script file “makeme” similarly to as it is described on slide 13 of the first class lecture (01-Unix.pptx) (names of files will need to be changed to match your files)

Use the Unix chmod command to make your makeme file executable (also as described on slide 13)

Within the new lab directory create a file called “testdata.lab2” (using vi, vim, emacs) containing all the following text exactly as shown on the page following. NOTE! I have created a copy of the file at /home/faculty/dkuijt/dropbox/uploads/testdata.lab2 , and you should be able to copy it from that location to your home directory.

Use your makeme file to compile your program.

Use input redirection (as described on slide 14 of the same PowerPoint notes) to run your program on the testdata file.

Tar everything together and copy it to my dropbox as usual (as described in lab 1, also as shown on slide 17).

Grading will be as follows:

20% comments, formatting, white space, legibility and clarity

70% correctness

10% input and output clarity (how “nice” your output is; polished messages etc.)

TESTDATA FILE: [do not include this line!]

showrates

Euro-US 100

US-Euro 100

Euro-Pound 1000

thiscommandisgarbage

Pound-Euro 1000

US-Pound 10

Pound-US 10

Euro-Pound 1111

showrates

showrates

US-Euro -10

quit