EECS 10: Assignment 2

Professor Rainer Doemer

October 4, 2004

Due Monday 11 Oct 2004 at 12:00pm

1 Homework Problem 1: Exercise 2.16, pg. 52 [20 points]

The two numbers input for this program should be integers. Submit two files for this problem: 2.16.c and 2.16.script

2 Homework Problem 2: Circle Arithmetic [20 Points]

Design a program such that it asks for the radius of a circle and outputs the circumference, area, and diameter of that circle. You may assume that `pi` = 3.14159. To get correct values, use floating point for the variable types instead of integer.

Submit circle.c, circle.txt, circle.script
NOTE: For the text file, explain what formulas you used. Please limit this to a few sentences only.

3 Bonus: Exercise 2.15, pg. 52 [5 points]

In order to receive credit for this problem, answer this question in a file called `2.15.txt` and submit this along with your other files.

4 Submission

Submission for these files will be similar to last week's assignment. The only difference is that you need to create a directory called `hw2/`. Put all the files listed above in that directory and run the /ecelib/bin/turnin command to submit your homework.