

CMPS 2010 Lab 1

Due Date: Feb 5, 2024

Part 1

Complete the following:

Linux Tutorial 1	Linux Lab 1
Linux Tutorial 2	Linux Lab 2
Linux Tutorial 3	Linux Lab 3

Part 2

Program 1 (lab1-1.cpp)

You will write a simple program that outputs the following to the screen (with your info):

```
Hello world!
My name is Paul Royer
My major is Computer Science
I am currently a Senior
```

Program 2 (lab1-2.cpp)

You will write a simple program that completes the following steps:

1. Initialize two integer variables
 2. Use the two variables to store the integers 1337 and 42
 3. Output the sum, difference, product, quotient, and remainder for the two numbers
 4. Repeat steps 1-3 with double variables using the values 86.7 and 5.309
- (Note: you can not use the modulus operator on doubles, so don't worry about the remainder)

Nicely format and output all of the results similar to this:

```
*****
** Welcome to the Math Machine! **
*****
The first integer is 1337
The second integer is 42

The sum is 1379
The difference is 1295
The product is 56154
The quotient is 31 with a remainder of 35

The first double is 86.7
The second double is 5.309

The sum is 92.009
The difference is 81.391
The product is 460.29
The quotient is 16.3308
```

Run this command from your lab1 folder to submit your work.

```
/home/fac/paul/s/submit.sh
```