CS1428 Lab 0: Fall 2020

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Lab Section: L17

Type your name at the top of this sheet. Answer the following questions and turn in this sheet by the end of the lab. You may use the pre-lab, your book, or internet resources to assist you.

Your instructor will be available on Zoom during the usual lab hours to answer questions or in the Discussion section of Canvas outside of those hours.

Visit https://userweb.cs.txstate.edu/~js236/cs1428/c-ides-for-cs1428.html for instruction on setting up a Development Environment (like CodeBlocks) to be able to complete the coding portion.

You can use these two videos to help you get started:

https://youtu.be/lNIQSY1W7IA

https://youtu.be/fgmTotRXuuU

1. (10 points) Do you have any experience with computer science or computer programming?

I have taken intro to CS at ACC

2. (5 points) What area of computer science interests you the most (e.g. machine learning, network security, or software engineering)?

Machine Learning

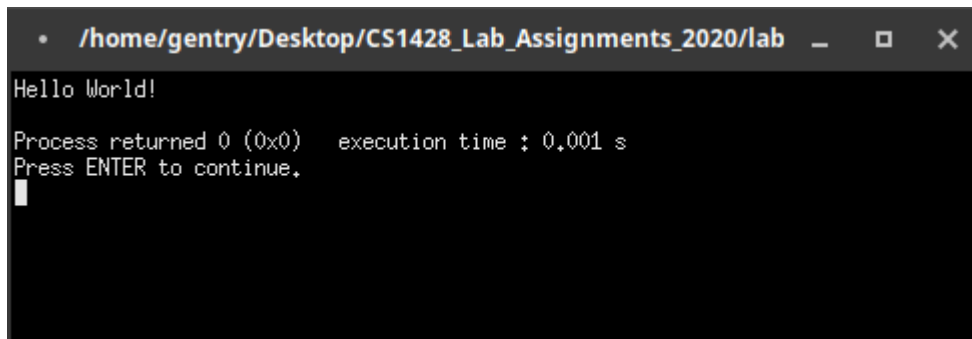3. (5 points) What is your current major?

Computer Science

4. (50 points) Follow the instructions below to complete your first working C++ programming. Do not alter any lines of the program that you not instructed to change.

1. Launch CodeBlocks (or your IDE of choice)
2. Save the file "Lab 0 Program.cpp" that was supplied with this lab to your local machine.
3. Open "Lab 0 Program.cpp" in Codeblocks using File→Open…
4. In C++ the **cout** command is used to print text on the console. The syntax looks like this:
   cout << "CS is the best!" << endl;
   Use this command to make your program print the phrase "Hello World!"
5. Save your work.
6. Build and run your program by clicking the Gear and Play Button icon. Correct any errors. Ask your lab instructor if you have any issues. Your output should look something like this:

```
•   /home/gentry/Desktop/CS1428_Lab_Assignments_2020/lab    _   □   ✕
Hello World!

Process returned 0 (0x0)   execution time : 0.001 s
Press ENTER to continue.
```

WRITE your name in the authorship comments at the top of your program.

UPLOAD this pdf with your answers filled in and your source code as lab0.cpp to Canvas. You can print the file as a pdf to ensure that your answers are preserved if you are using browser (Google Chrome preferred).