
CST8234 - C Programming (Lab 1 C)

Programming Exercise

The purpose here is to make sure that you can write a very basic program, following the instruction on Blackboard found under “Lab” | “Lab Instructions” and can submit it.

Requirements

This is a programming exercise, you may use any programming language (or script) you feel comfortable with. Write a small program: numbers.c (if you’re using C... or use appropriate file extension for any other language) that:

1. Prints the numbers from 1 to 100
2. If the number is a multiple of three, it should print instead “I'm a multiple of 3!”
3. If the number is a multiple of seven, it should print instead “I'm a multiple of 7!”
4. If the number is a multiple of both three and seven, it should print instead “I'm a multiple of 3 & 7!”

This program should not take you more than 10 minutes to write.

The following demonstrates the execution of the program:

```
#!/numbers
...
8
9 I'm multiple of 3!!!
10 I'm multiple of 5!!!
11
12 I'm multiple of 3!!!
13
14
15 I'm multiple of 3 && 5!!!
```

Submission:

You must submit a functional code, no compile errors, for the program above as well as a screenshot of the program output when run on your computer. The screenshot file should be called *Lastname-Firstname-lab1-C*. For example, *Smith-Jhon-lab1-C*.
