

Department of Computer Science
CSC215 – Procedural Programming

Lab 1. Writing, compiling, and running a C program

1. Open a terminal
2. Go to the **/home/xxxx/** directory using the command **cd**, where **xxxx** is your username.
3. Create a folder called "CSC215" using the command **mkdir**.
4. Inside "CSC215" open the text editor for a file named "lab1.c" using the command **gedit**, you may use any other text editor.
5. Write a program that does the following
 - a. Declare three integer variables: **a**, **b** and **c**.
 - b. Initialize them to **a = 1**, **b = 10**, **c = 0**.
 - c. Print the following using the **printf** method:

- **a b c**
- **a++ + b**
- **a**
- **++a + b**
- **a**
- **a && c**
- **a || c**
- **a & 2**
- **a | 0**
- **a << 2**
- **a >> 1**

6. Compile and run your program:

```
gcc -o lab1 lab1.c  
./lab1
```

7. Show the program to you lab instructor before you leave. (You will not receive full grade for the lab unless you show your work at the end of the lab).