

KING SAUD UNIVERSITY COLLEGE OF COMPUTER AND INFORMATION SCIENCES COMPUTER SCIENCE DEPARTMENT		
CSC215	Lab1 C Basics	2nd Semester 1436-1437

Q1: “Writing Your first C program”

Follow these steps to create a folder to save all of your CSC 215 Lab files.

1. Open the terminal.
2. Go to the target directory (desktop) using the command cd:
 - **cd writeThePathHere**
3. Create a folder called “yourName_CSC215” using the command mkdir:
 - **Mkdir yourName_CSC215**

Now, you are ready to write, compile, and run your first C program.

1. Inside your folder open the text editor, save it with the extension .c, name it using the following naming convention:
 - **“Lab1_YourFirstName_YourLastName.c”**
 - Don’t forget to move to your own directory
2. Copy the following code into Lab1_YourFirstName_YourLastName.c

```
#include<stdio.h>
main()
{
    printf("Hello World\n");
}
```

3. Save the file.
4. To compile the code type **gcc -o Lab1_YourFirstName_YourLastName Lab1_YourFirstName_YourLastName.c**
5. To run the code type **./Lab1_YourFirstName_YourLastName**
6. Show the program to your lab instructor.

Q2. Write a C program that declares a char variable, say, CH, and initializes it to any lowercase letter, ex: CH = b. The program should print the character CH and print in a new line the three characters that follow the CH character in the alphabetical order.

Note: In your answer don't change the value of CH and don't use any other variable.

Output:

```
CH = b
The following three characters are: c d e
```