KING SAUD UNIVERSITY COLLEGE OF COMPUTER AND INFORMATION SCIENCES COMPUTER SCIENCE DEPARTMENT		
CSC215	**Lab1 C Basics**	**1st Semester 1437-1438**

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. 2. Go to the target directory (desktop) using the command cd:

    o   cd writeThePathHere

3. 3. Create a folder called "yourName_CSC215"using the command mkdir:

    o   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:

    o   "Lab1_YourFirstName_YourLastName.c"

    o   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

Model Answer:

```c
#include <stdio.h>
main()
{
char CH = 'b';
printf("CH = %c\n", CH);
printf( "The following three characters are: %c %c %c", CH+1,CH+2,CH+3);
}
```