Assignment # 1

Chapter 7:Getting Started with C++

1. What are literals ? Explain the different types of literals being used in C++.
2. Which of the following are valid/ invalid operands :

    height , main , rollno-5 , my address , 2day , class
3. What is the difference between '5' , 5 and " 5" ?
4. Identify the errors in the following program :

    ```
    void main()
    {
            int x
            charendl;
            x=3;
            cin>>endl;
            cout<<x<<3
    }
    ```
5. Explain the two different ways to give comments in C++.
6. Differentiate between '<<' and '>>' operators.
7. 'Every C++ program must have a main().' Why ?
8. What will be the output of the following code :

    (i)   cout<<" #\n**\n###\n****\n ";

    (ii)   char a= '@';

            cout<< a;

            cout<<'a';

PROGRAMS

(to be done in the lab during practical periods)

1. To create a formatted output screen as given in the lab.
2. Write a C++ program that accepts marks and displays the percentage.Assume maximum marks is 50.
3. Write a program that accepts the temperature in percentage and displays in Fahrenheit
4. Write a program that accepts length , breadth and then displays the area and perimeter of a rectangle.

    Note :
    1. All programs must have a comment entry on the top indicating what exactly the program is about.
    2. Proper messages should be given for input and output operations.
    3. All programs should be properly indented.