Tutorial 1

MIN-103

1. Launch and familiarize yourself with the Dev-C++ environment.
    a. Open a new project file mycode.cpp and save the empty file at the designated location on computer.
    b. Observe editor window and compile log window.
    c. Type the following text in the editor window

```
#include<iostream>
using namespace std;
int main()
{
cout<<"my first c++ program \n";
return 0;
}
```

    d. Understand the utility of header files (#) and std library. Know about basic cin and cout.
    e. Observe various keywords and syntax of the program.
    f. Understand the use of *escape sequence* **\n.**
    g. Run the program and observe the output window.
    h. Change the above program to print the following text

    "Welcome in MIED, IIT Roorkee"

2.
    a. Experiment with escape sequences: \n, **\t, \v, \\, \', \"**
    b. Print the following (Check tabs and new lines):

```
    A
B       C
    D
```

3. With the help of a C++ program determine the output of the following code snippet. You need to add the missing syntax.

```
int x,y,z;
char m;
cin>>x>>y;
cout<<x<<" "<<y;
z=x+y;
cout<<z<<endl;
m=x*10;
cout<<m<<endl;
```

4. Write a program to read temperature in ˚F and print it in ˚C.