

**Intensive Programming Lab**

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SECTION:(SWEN2A)

SUBJECT: IP LAB

SUBMITTED TO:MAM MEMOONA AKMAL

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**Lab Manual 2!**

**Learning Objectives:**

The objectives of this first experiment are to make you more familiar with the Windows programming environment and the "C++" compiler. For this purpose you will use DevCPP/Microsoft Visual Studio. You will write, compile and run a program in "C++".

**Example:**

Write a C++ program that displays “Welcome to C++ Programming”.

**Code:**

#include<iostream> using namespace std;

/\* function main begins program execution \*/ int main()

{

cout<<"Welcome to C++ Programming";

return 0; /\* indicate that program ended successfully \*/

} /\* end function main \*/

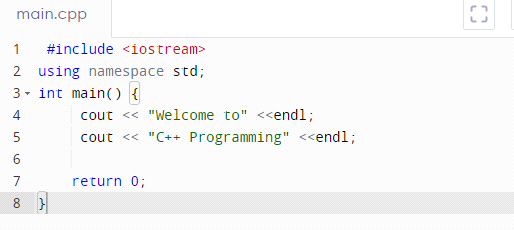
**Task 1:**

Write a C++ program that displays following output:

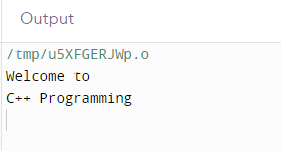
Welcome to

C++ Programming

**Input :**



**Output :**



**Task 2:** Write a C++ program that prints following shapes/patterns using cout statement:

(1) (2) (3) (4) (5) (6)

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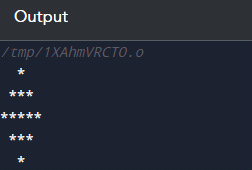
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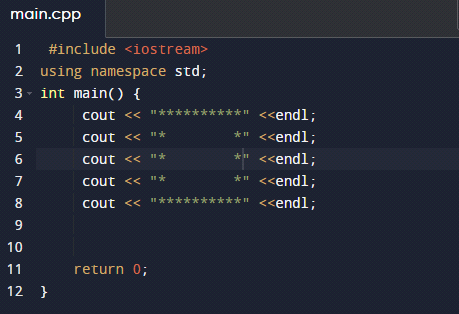
\* \*\*\*\*\*\*\*\*\*\* \*\*\*\*\* \*\*\*\*\* \* \*

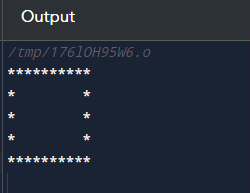
Input and Output of (a):





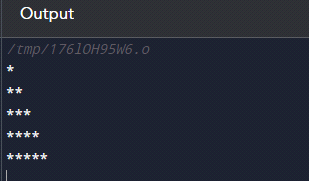
Input and Output of (b):



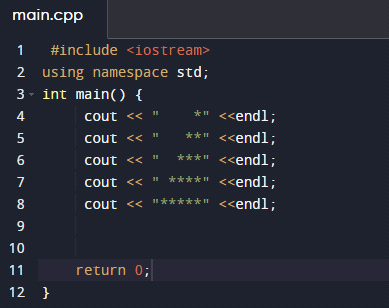


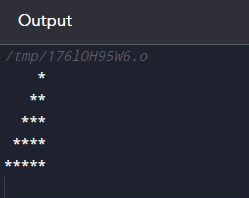
Input and Output of (c):





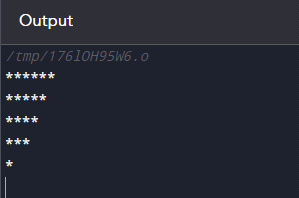
Input and Output of (d):





Input and Output of (e):





Input and Output of (f):

