



LAB NUMBER # 08

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TASK NUMBER # 01

```
1 #include<iostream>
2 using namespace std;
3 int main()
4 {
5     // By printing the numbers from 0 to 10;
6     int i ;
7     while(i<=10)
8     {
9         cout<<"The number is :"<<i<<endl;
10        i++;
11    }
12    cout<<endl;
13 }
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS Code

```
[Running] cd "C:\Users\SLP\AppData\Local\Temp\" && g++ tempCodeRunnerFile.cpp -o tempCodeRunnerFile && "C:\Users\SLP\AppData\Local\Temp\tempCodeRunnerFile"
The number is :0
The number is :1
The number is :2
The number is :3
The number is :4
The number is :5
The number is :6
The number is :7
The number is :8
The number is :9
The number is :10
```

TASK # 06

```
C:\Users\SLP\Desktop\Programming Fundamental> C++ Untitled-2.cpp > main()
1  #include<iostream>
2  using namespace std;
3  int main()
4  {
5      int n;
6      cout<<"Enter the Pyramid :"<<endl;
7      cin>>n;
8      for(int i = 1; i<=n; i++)
9      {
10         for(int j = 1; j<=i; j++)
11         {
12             cout<<" * ";
13         }
14         cout<<endl;
15     }
16 }
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS cppdbg: Untitled-2.exe

```
*
* *
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* * * * *
```

TASK # 03

```
C: > Users > SLP > Desktop > Programming Fundamental > C++ Untitled
1  #include<iostream>
2  using namespace std;
3  int main()
4  {
5      int n;
6      cout<<"Enter the multiplication :"<<endl;
7      cin>>n;
8      int i = 1;
9      while( i<=10)
10     {
11         cout<<n<<" * "<<i<<" = "<<n*i<<endl;
12         i++;
13     }
14     cout<<endl;
15 }
```

TERMINAL ... cppdbg: Untitled-2.exe + v [] [X] ..

```
Enter the multiplication :
20
20 * 1 = 20
20 * 2 = 40
20 * 3 = 60
20 * 4 = 80
20 * 5 = 100
20 * 6 = 120
20 * 7 = 140
20 * 8 = 160
20 * 9 = 180
20 * 10 = 200
```

Task # 02

```
C: > Users > SLP > C++ Untitled-4.cpp > main()
1  #include<iostream>
2  using namespace std;
3  int main()
4  {
5      int n;
6      cout<<"Sum the numbers :"<<endl;
7      cin>>n;
8      int sum = 0;
9      int i = 1;
10     while(i<=n)
11     {
12
13         sum = sum + n;
14         i++;
15     }
16     cout<<sum<<endl;
17 }
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

```
Sum the numbers :
12
144
```

Task # 07

```
#include<iostream>
using namespace std;
int main()
{
    int n = 6;
    char alphabet = 'A';
    cout<<"Enter the alphabet :"<<endl;
    for(int i = 1; i<n; i++)
    {
        for(int j = 1; j<=i; j++)
        {
            cout<<alphabet++;
        }
        cout<<endl;
    }
    return 0;
}
```

C:\Users\SLP\Desktop\Pyramidal Pattern in C++\Untitled6.exe

```
Enter the alphabet :
A
BC
DEF
GHIJ
KLMNO
```

Mam This program cannot show in visuitual studio code.

