UNIVERSITY OF ENGINEERING AND TECHNOLOGY,TAXILA

SOFTWARE ENGINEERING

LAB-7 SOLUTION

SUBMITTED TO : MS.SABA AWAN
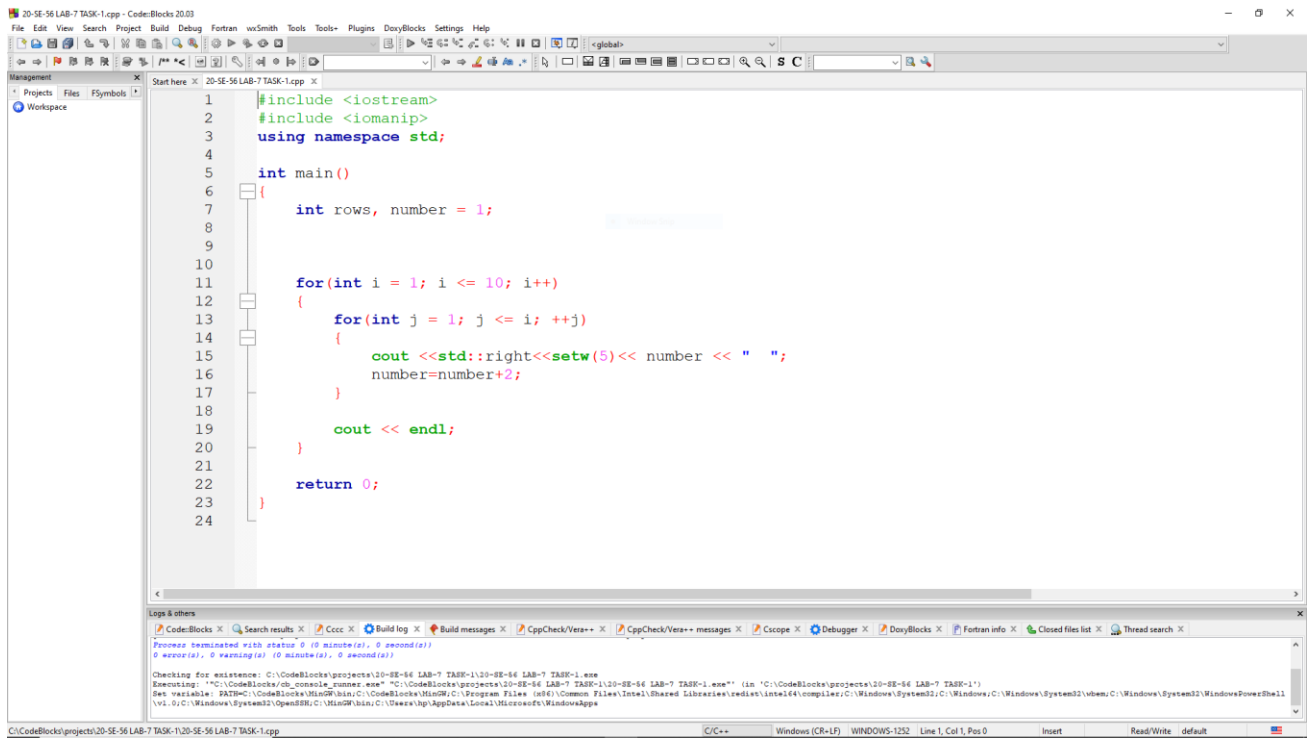
SUBMITTED BY : MUHAMMAD ARSALAN
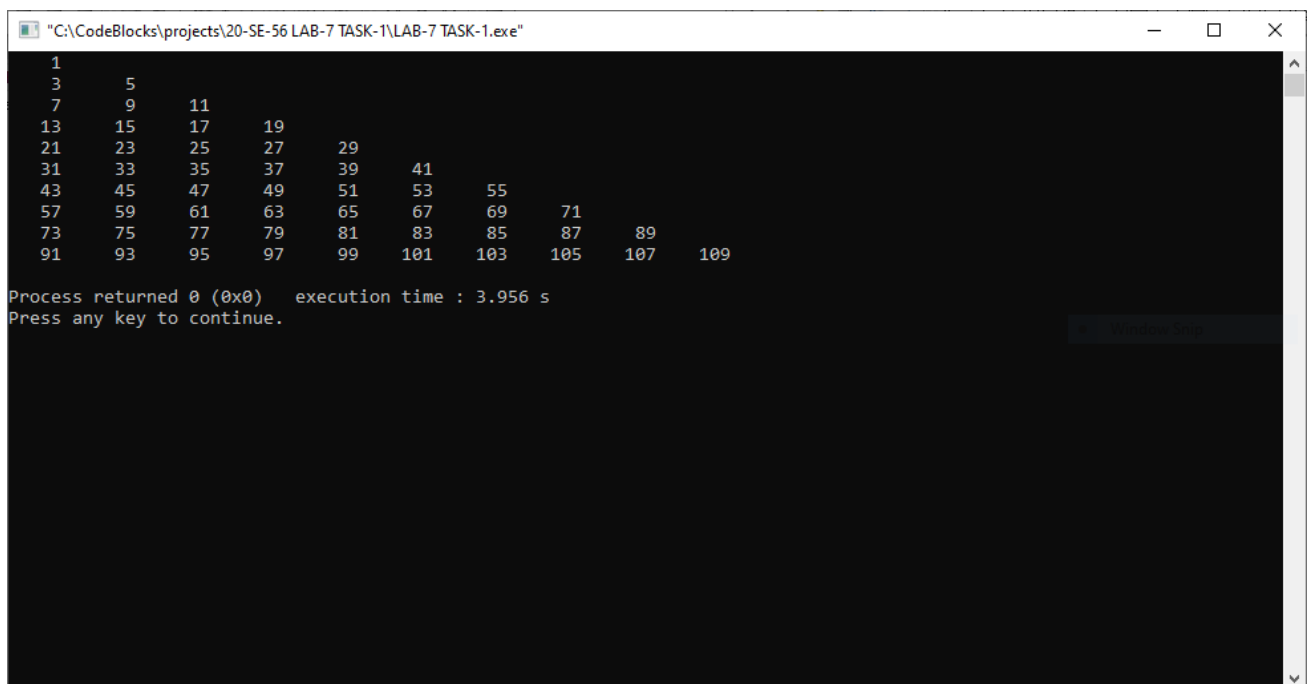
REG NO   : 20-SE-56

+++

TASK-1

SOLUTION

```cpp
#include <iostream>
#include <iomanip>
using namespace std;

int main()
{
    int rows, number = 1;


    for(int i = 1; i <= 10; i++)
    {
        for(int j = 1; j <= i; ++j)
        {
            cout <<std::right<<setw(5)<< number << "  ";
            number=number+2;
        }

        cout << endl;
    }

    return 0;
}
```

```
"C:\CodeBlocks\projects\20-SE-56 LAB-7 TASK-1\LAB-7 TASK-1.exe"

    1
    3     5
    7     9    11
   13    15    17    19
   21    23    25    27    29
   31    33    35    37    39    41
   43    45    47    49    51    53    55
   57    59    61    63    65    67    69    71
   73    75    77    79    81    83    85    87    89
   91    93    95    97    99   101   103   105   107   109

Process returned 0 (0x0)   execution time : 3.956 s
Press any key to continue.
```
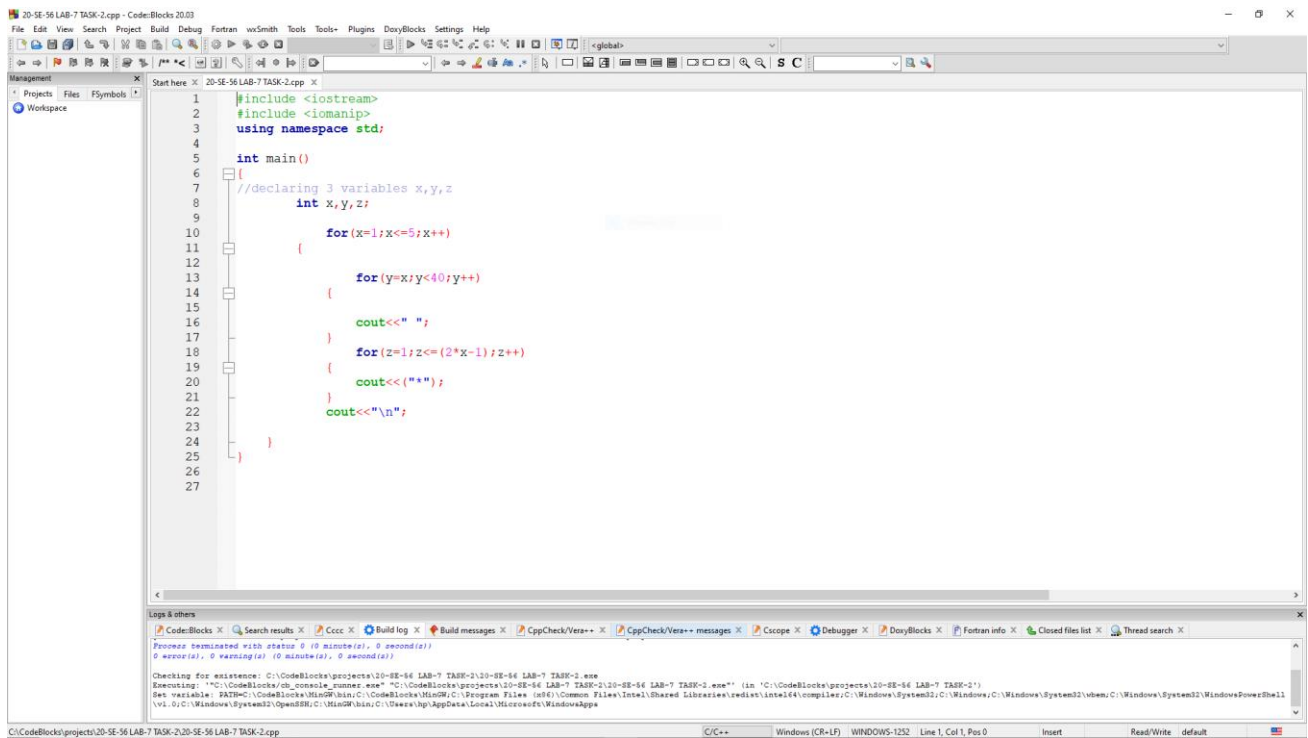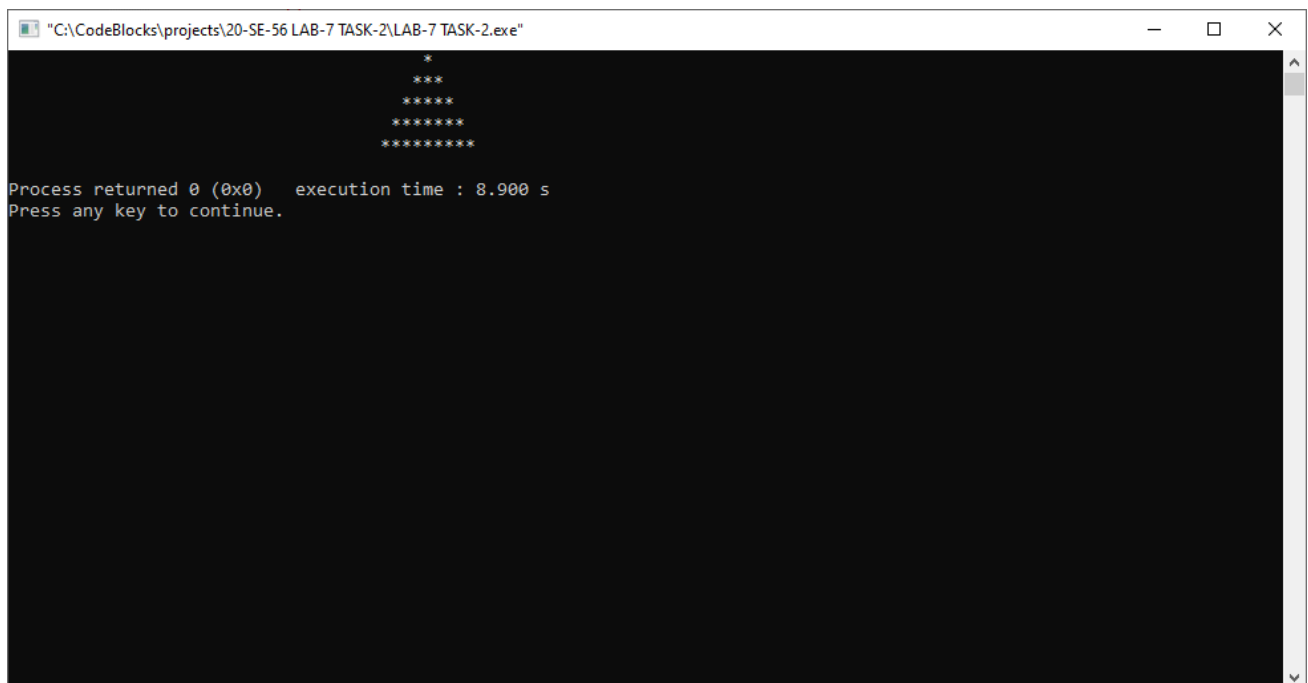
TASK-2

SOLUTION


```cpp
#include <iostream>
#include <iomanip>
using namespace std;

int main()
{
    //declaring 3 variables x,y,z
        int x,y,z;

            for(x=1;x<=5;x++)
            {

                for(y=x;y<40;y++)
                {

                cout<<" ";
                }
                for(z=1;z<=(2*x-1);z++)
                {
                cout<<("*");
                }
                cout<<"\n";

            }
}
```