UNIVERSITY OF ENGINEERING AND TECHNOLOGY,TAXILA

SOFTWARE ENGINEERING

LAB-6 SOLUTION

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REG NO   : 20-SE-56
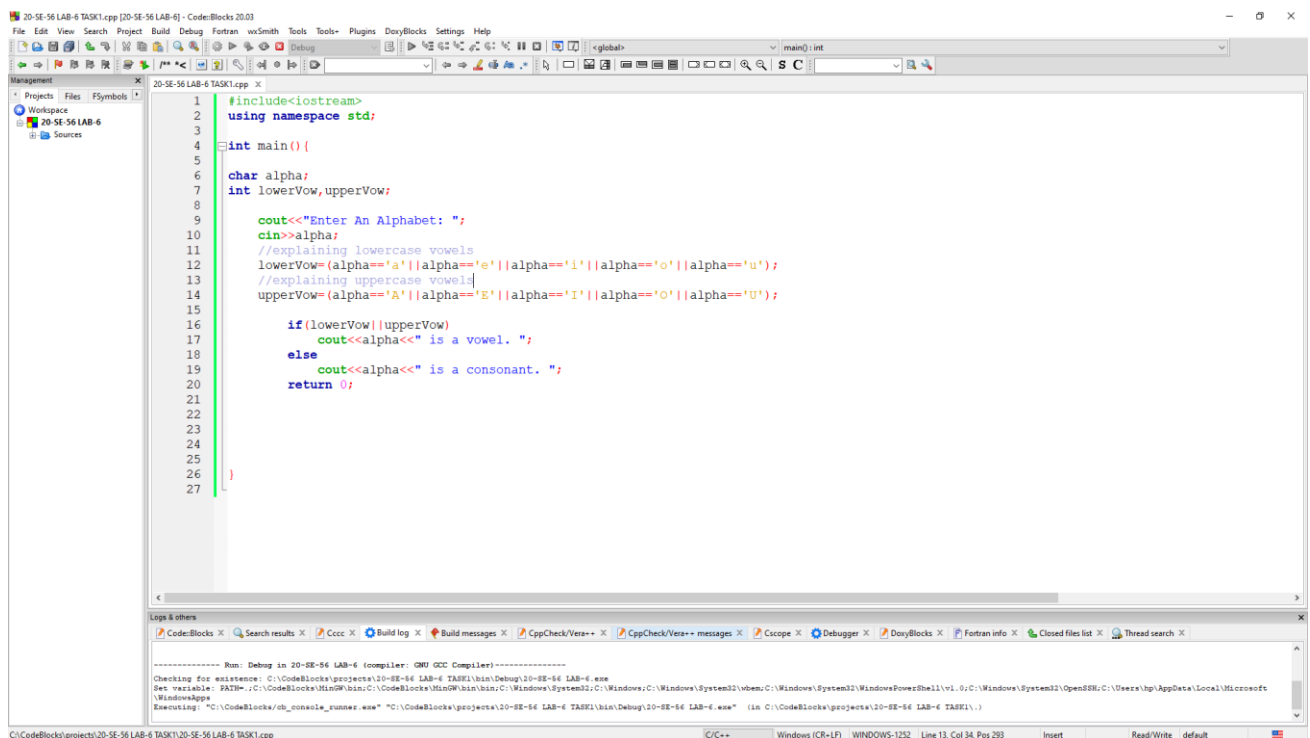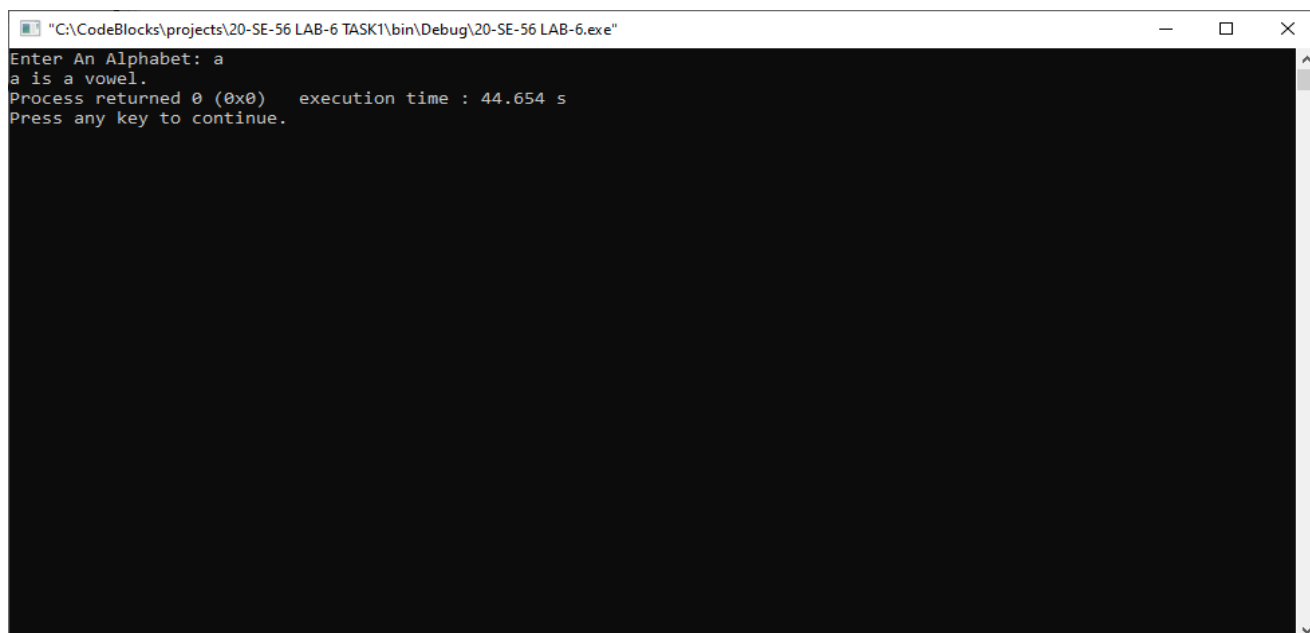
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TASK-1

❖ Write a C++ program in which user will enter Character.

Program should check and display whether a character is Vowel or Consonant.

SOLUTION

TASK-2

• Write C++ program to Find Largest Number Among Three Numbers

SOLUTION

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

int main(){
    float x,y,z;

        cout<<"Enter three numbers: ";
        cin>>x>>y>>z;

//using if else statement determining largest number among these
    if((x>=y)&&(x>=z))
        cout<<"Largest number: "<<x;
    else if ((y>=x)&&(y>=z))
        cout<<"Largest number: "<<y;
    else
        cout<<"Largest number: "<<z;

    return 0;

}
```

```
Enter three numbers: 3 6 11
Largest number: 11
Process returned 0 (0x0)   execution time : 17.781 s
Press any key to continue.
```

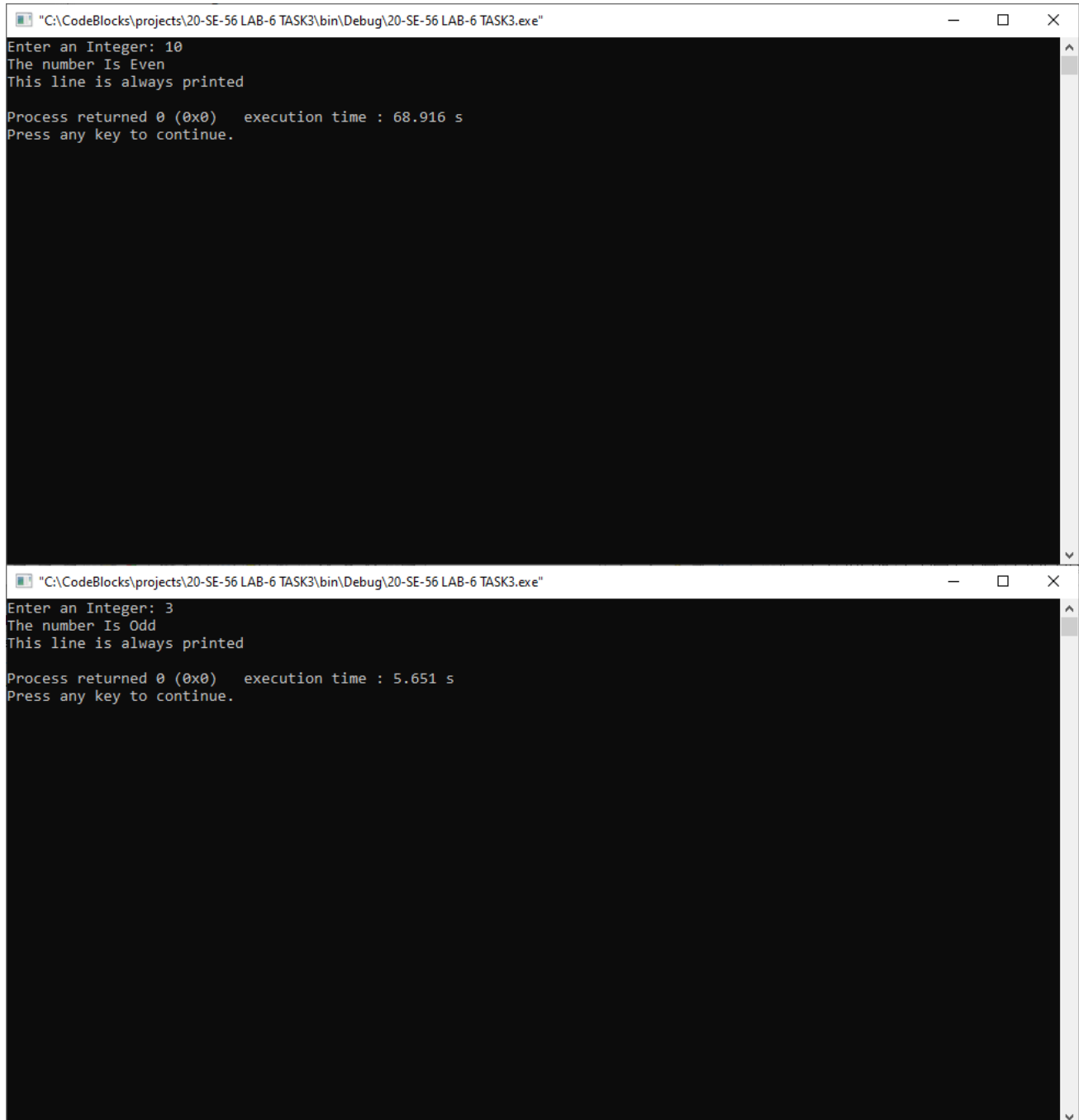# TASK-3

• Write C++ program to Check Whether Number is Even or Odd using nested if statements.

SOLUTION


```cpp
#include<iostream>

using namespace std;

int main(){
    int dig;
    cout<<"Enter an Integer: ";
    cin>>dig;
        if(dig!=0)
    {
        if(dig%2==0)
    {
        cout<<"The number Is Even"<<endl;
    }
        else{
        cout<<"The number Is Odd"<<endl;
    }
    }
        else{
        cout<<"The number Is Even"<<endl;

    }

        cout<<"This line is always printed"<<endl;
        return 0;



    }
```

```
Enter an Integer: 10
The number Is Even
This line is always printed

Process returned 0 (0x0)   execution time : 68.916 s
Press any key to continue.
```

```
Enter an Integer: 3
The number Is Odd
This line is always printed

Process returned 0 (0x0)   execution time : 5.651 s
Press any key to continue.
```