Lab Number:	1
Student Name:	**Yash J Sonavane**
Roll No :	**45**

Title:

To Add Two Numbers, Print Number Entered by User, Swap Two Numbers, Check Whether Number is Even or Odd

1.1 Implement using C++

1.2 Implement using Java

Learning Objective:

- Students will be able to write C++ and java program for simple arithmetic operations and take input from user.

Learning Outcome:

- Ability to execute a simple C++ and Java program with and without any inputs to the program.
- Understanding the constructs in C++ and Java.

Course Outcome:

ECL304.1	Understand object-oriented programming concepts and implement using C++ and Java

Theory:

Difference between procedural and object oriented language

Application of object orientation

Brief introduction to C++ and Java

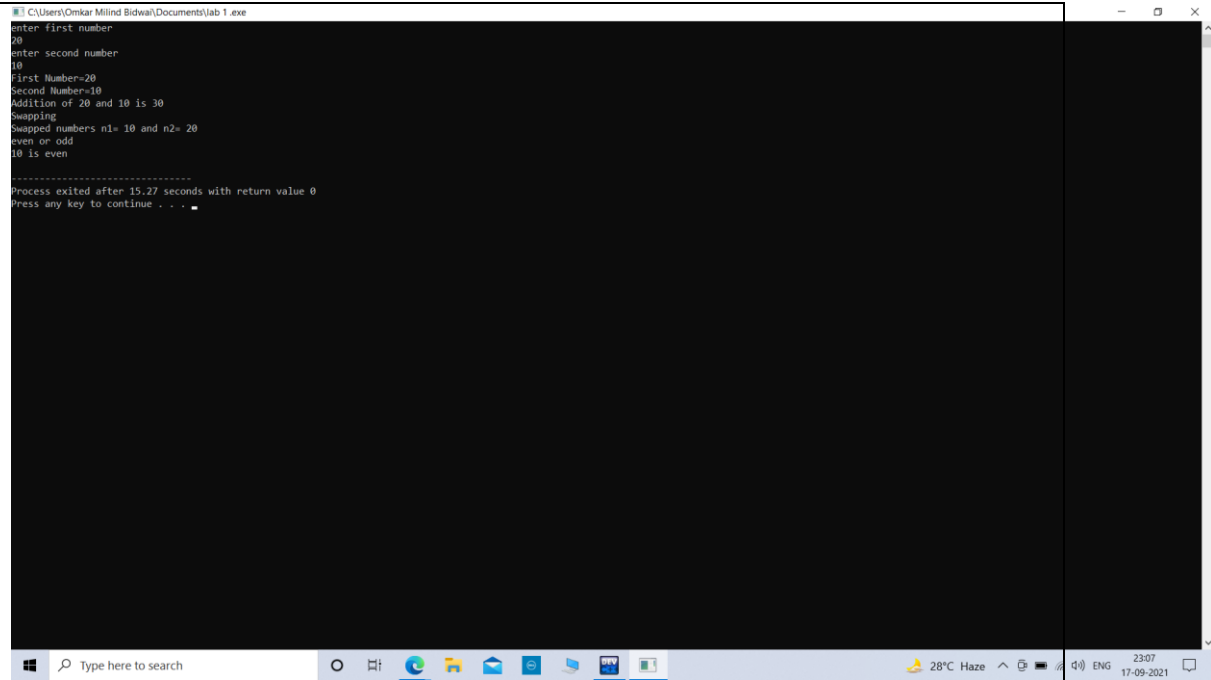| Algorithm :	
Program:	To Add Two Numbers, Print Number Entered by User, Swap Two Numbers, Check Whether Number is Even or Odd 1.1 Implement using C++

Faculty: Ms. Deepali Kayande

| **Input given:** | ```cpp
#include<iostream>
using namespace std;
int main()
{
        int n1,n2,temp;
        cout << "enter first number" << endl;
        cin >> n1;
        cout << "enter second number" <<endl;
        cin >> n2;
        cout <<"First Number="<<n1<<endl<<"Second
Number="<<n2<<endl;
        cout << "Addition of " <<n1<<" and "<<n2<<" is "<<n1+n2;
        cout<<"\nSwapping \n";
        temp=n1;
        n1=n2;
        n2=temp;
        cout<<"Swapped numbers n1= "<<n1<<" and n2= "<<n2<<endl;
        cout<<"even or odd \n";
        if(n1%2==0)
                cout<<n1<<" is even \n";
        else
                cout<<n1<<" is odd \n";

        return 0;
}
``` |

Output Screenshot:	

C:\Users\Omkar Milind Bidwai\Documents\lab 1 .exe

```
enter first number
20
enter second number
10
First Number=20
Second Number=10
Addition of 20 and 10 is 30
Swapping
Swapped numbers n1= 10 and n2= 20
even or odd
10 is even

--------------------------------
Process exited after 15.27 seconds with return value 0
Press any key to continue . . .
```

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