

Don Bosco Institute of Technology, Kurla(W)
Department of Electronics and Tele-Communication Engineering
ECL304 - Skill Lab: C++ and Java Programming
Sem III
2021-22

Lab Number:	1
Student Name:	UMER SHAIKH
Roll No :	44

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++

Learning Objective:

- Students will be able to write C++ programs for simple arithmetic operations and take input from users.

Learning Outcome:

- Ability to execute a simple C++ 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++
-----------------	---

Theory:

Difference between procedural and object oriented language

Application of object orientation

Brief introduction to C++

Algorithm :	STEP 1: start STEP 2 : define two numbers n1 and n2 STEP 3:input number 1 , n1 input number 2 , n2
--------------------	---

Faculty: Ms. Deepali Kayande

Don Bosco Institute of Technology, Kurla(W)
Department of Electronics and Tele-Communication Engineering
ECL304 - Skill Lab: C++ and Java Programming
Sem III
2021-22

	<p>STEP 4 : addition of two numbers n1 and n2</p> <p>STEP 5 : swapping of two numbers n1 and n2</p> <p>STEP 6 :odd or even</p> <p>STEP 7 : end</p>
Program:	https://github.com/umershaikh17/Skill-lab-with-oopm.git
Input given:	<p>number 1 : 21</p> <p>number 2 : 4</p>

Output Screenshot:

```

main.cpp
1 // Lab 1
2 // b44 Umer Shaikh
3 #include<iostream>
4 using namespace std;
5 int main()
6 {
7     int n1,n2,temp;
8     cout << "enter first number" << endl;
9     cin >> n1;
10    cout << "enter second number" << endl;
11    cin >> n2;
12    cout << "First Number=" << n1 << endl << "Second Number=" << n2 << endl;
13    cout << "Addition of " << n1 << " and " << n2 << " is " << n1+n2;
14    cout << "\nSwapping \n";
15    temp=n1;
16    n1=n2;
17    n2=temp;
18    cout<<"Swapped numbers n1= "<<n1<<" and n2= " << n2 << endl;
19    cout<<"even or odd \n";
20    if(n1%2==0)
21        cout<<n1<<" is even \n";
22    else
23        cout<<n1<<" is odd \n";
24    return 0;
25 }
26
27

```

```

/tmp/kbeYd96BPS.o
enter first number
21
enter second number
4
First Number=21
Second Number=4
Addition of 21 and 4 is 25
Swapping
Swapped numbers n1= 4 and n2= 21
even or odd
4 is even

```

Faculty: Ms. Deepali Kayande