

**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**

<b>Lab Number:</b>	<b>1</b>
<b>Student Name:</b>	UMER SHAIKH
<b>Roll No :</b>	44

**Title:**

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

1.2 Implement using Java program

**Learning Objective:**

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

**Learning Outcome:**

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

**Course Outcome:**

<b>ECL304.1</b>	Understand object-oriented programming concepts and implement using Java
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**Theory:**

**Difference between procedural and object oriented language**

**Application of object orientation**

**Brief introduction to JAVA**

<b>Algorithm :</b>	STEP 1: start STEP 2 : define two numbers n1 and n2 STEP 3:input number 1 , n1 input number 2 , n2
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**Faculty: Ms. Deepali Kayande**

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	<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>
<b>Program:</b>	<a href="https://github.com/umershaikh17/Skill-lab-with-oo-pm.git">https://github.com/umershaikh17/Skill-lab-with-oo-pm.git</a>
<b>Input given:</b>	<p>number 1 : 15</p> <p>number 2 : 21</p>

**Output Screenshot:**

```

Main.java
1
2 // Lab 1 |44 umer shaikh
3 import java.util.Scanner;
4 public class Lab1 {
5     public static void main(String[] args) {
6         Scanner sc = new Scanner(System.in);
7         /* System.out.println("Enter username");
8         String userName = sc.nextLine();
9         System.out.println("Username is: " + userName);
10        */
11        int n1,n2,temp;
12        System.out.println("Enter first number");
13        n1=sc.nextInt();
14        System.out.println("Enter second number");
15        n2=sc.nextInt();
16        System.out.println("Number 1 = "+n1+" Number 2 = "+n2);
17        System.out.println("\n ADDITION\n");
18        System.out.println("\nAddition of both numbers is: " +(n1+n2));
19        System.out.println("\n SWAPPING\n");
20        temp=n1;
21        n1=n2;
22        n2=temp;
23        System.out.println("After swapping Number 1 = "+n1+" Number 2 = "+n2);
24        System.out.println("\n EVEN/ODD\n");
25        if(n1%2==0)
26            System.out.println(n1+" is Even");
27        else
28            System.out.println(n1+" is Odd");
29    }
30 }

```

```

Output
java -cp /tmp/wfIaFyCkZX Lab1
Enter first number
15
Enter second number
21
Number 1 = 15 Number 2 = 21
ADDITION

Addition of both numbers is: 36
SWAPPING

After swapping Number 1 = 21 Number 2 = 15EVEN/ODD

21 is Odd

```

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