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:	**2**
Student Name:	**Yash Sonavane**
Roll No :	**45**

Faculty: Ms. Deepali Kayande

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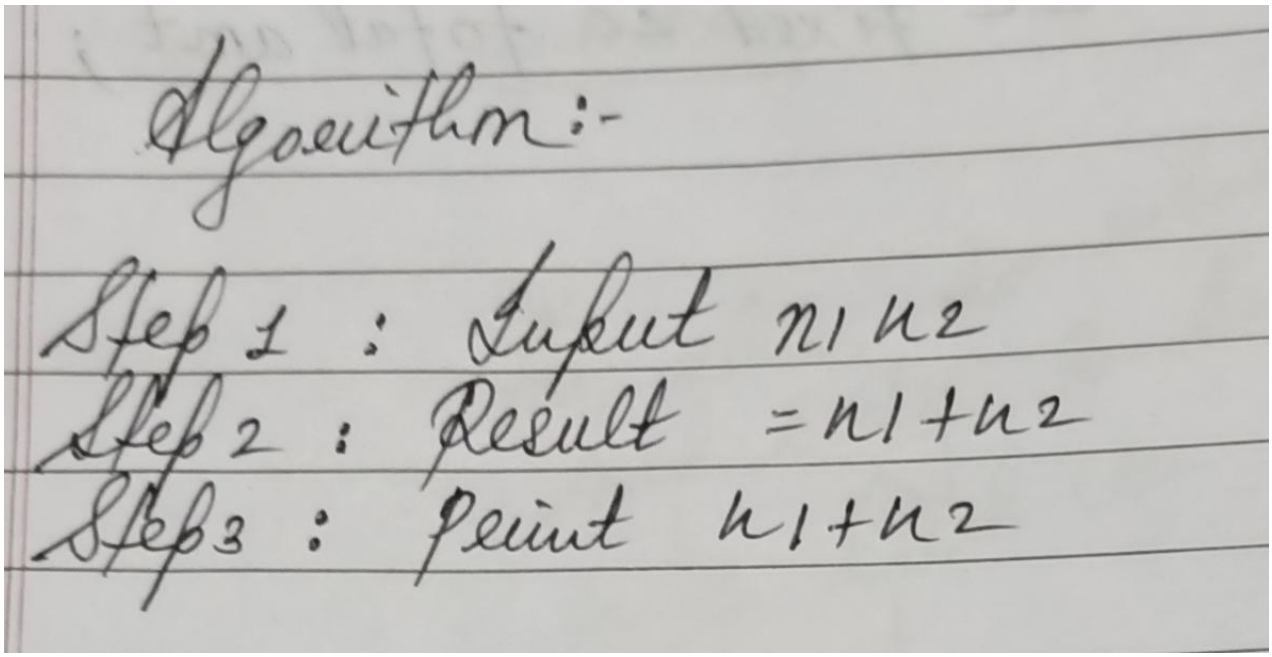
JAVA PROGRAMS

1. TO ADD TWO NUMBERS ALGORITHM:

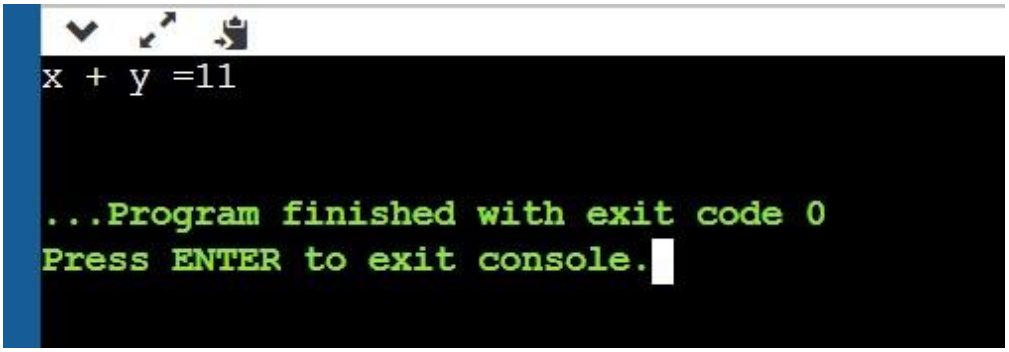


PROGRAM:

```
//To Add Two Numbers


public class Main
{

        public static void main(String[] args)
        {

           int x = 5;
           int y = 6;
           int sum = x + y ;
                System.out.println("x + y =" +sum);
        }
```

}

OUTPUT:


x + y =11
...Program finished with exit code 0
Press ENTER to exit console.

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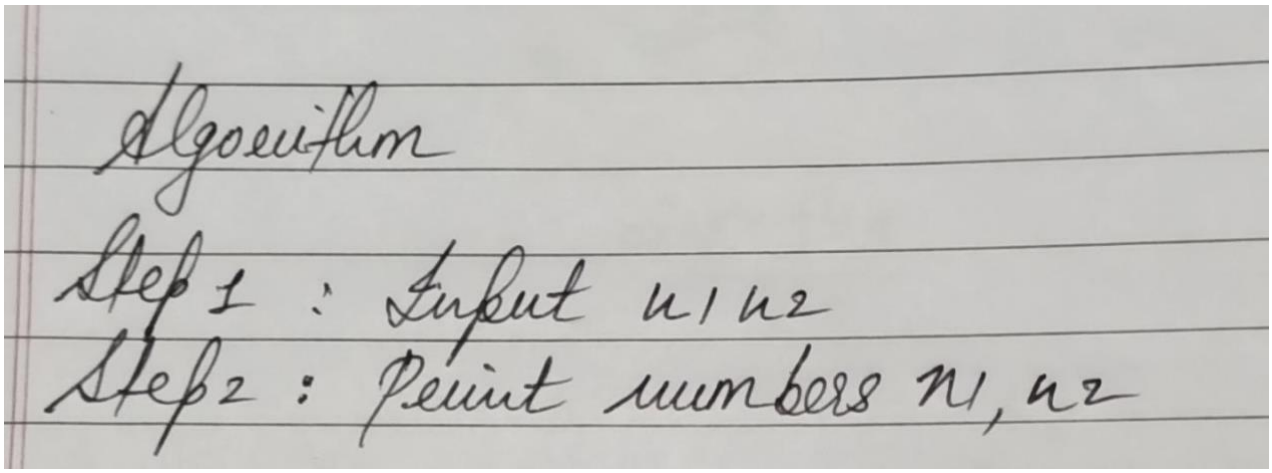
2. TO PRINT NUMBERS ENTERED BY USER

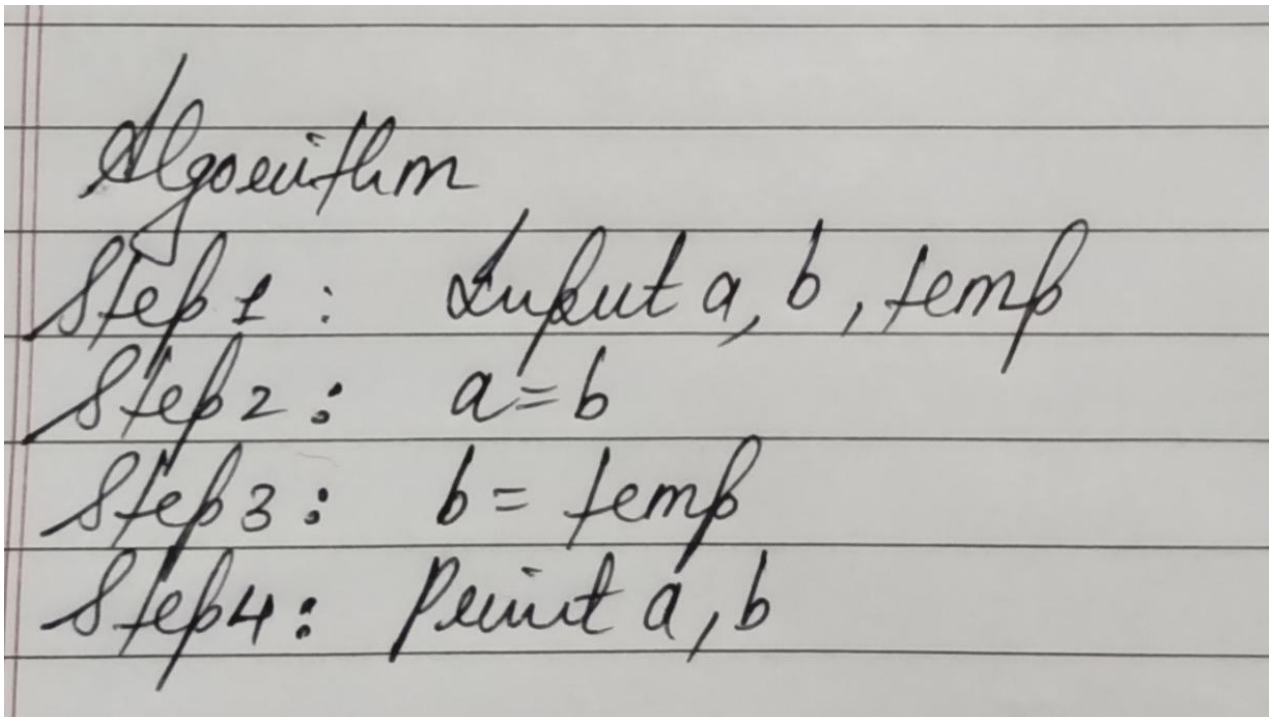
ALGORITHM:



PROGRAM:

OUTPUT:

3. TO SWAP TWO NUMBERS ALGORITHM:

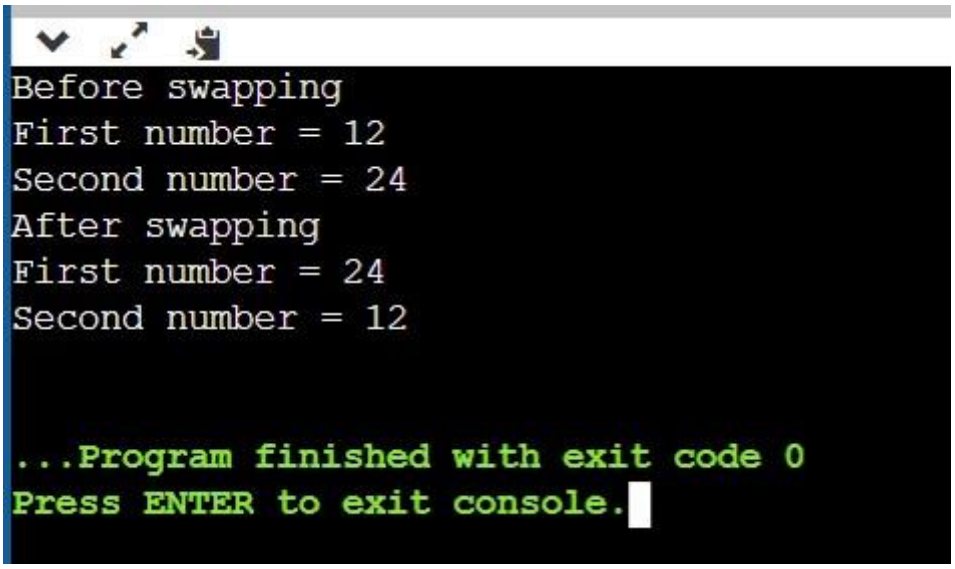


PROGRAM:

```
//to swap two numbers public
class Main
{
        public static void main(String[] args)
        {
                int n1 = 12, n2 = 24;
       System.out.println("Before swapping");
       System.out.println("First number = " + n1);
       System.out.println("Second number = " + n2);
n1 = n1 - n2; n2 =
       n1 + n2; n1 =
       n2 - n1;
       System.out.println("After swapping");
```

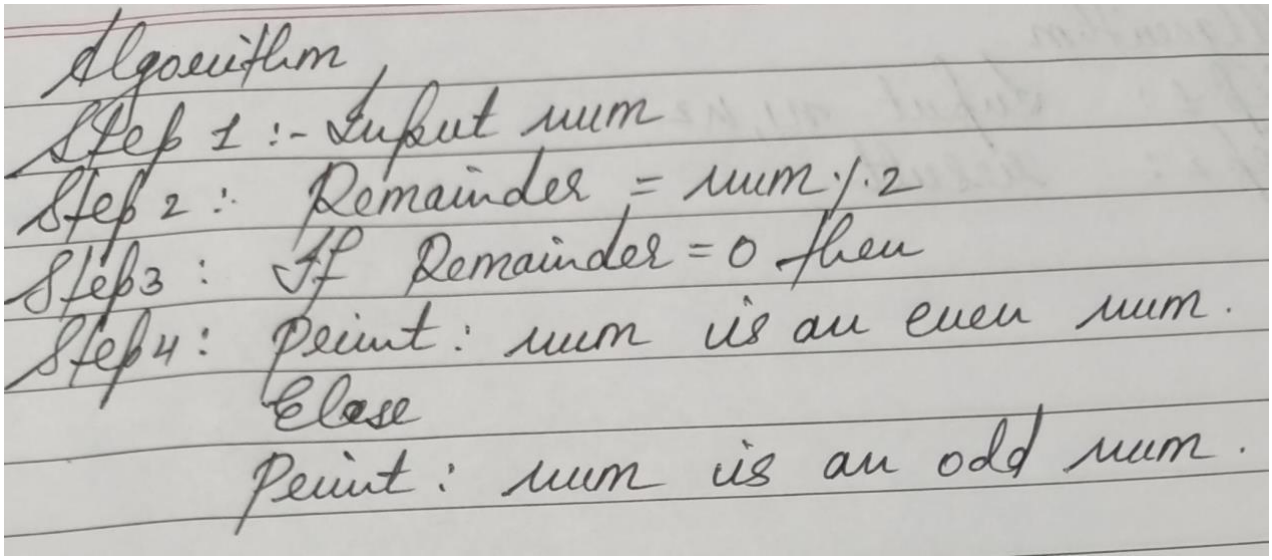
```
        System.out.println("First number = " + n1);
        System.out.println("Second number = " + n2);


         }
}
```

OUTPUT:



4. TO CHECK WHETHER NUMBER IS EVEN OR ODD

ALGORITHM:



PROGRAM:

```
//to check whether no is even or odd. public
class Main
{

        public static void main(String[] args)

         {
       // Declare the integer
variable int num = 10;
       // If condition to check if the remainder is zero
       if (num % 2 == 0)
```

```
{


   // If remainder is zero then this number is even
    System.out.println("Entered Number is Even");
}
```

```
    else
    {

       // If remainder is not zero then this number is
       // odd
       System.out.println("Entered Number is Odd");
    }


     }
}
```

OUTPUT: