

# **Basic Programs in Java**

## **1) Addition of two numbers in java**

```
import java.util.Scanner;
public class Demo
{
    public static void main(String[] args)
    {
        int x, y, sum;
        Scanner myobj = new Scanner(System.in);
        System.out.println("enter first number:");
        x = myobj.nextInt();
        System.out.println("enter second number:");
        y = myobj.nextInt();
        sum = x + y;
        System.out.println("Sum is: " + sum);
    }
}
```

## **2) Check whether the given number is Even or Odd**

```
import java.util.Scanner;
public class Even {
    public static void main(String[] args) {
        int num;
        Scanner x = new Scanner(System.in);
        System.out.println("enter the number");
        num = x.nextInt();
        if(num % 2 == 0)
        {
            System.out.println(num + " num is even ");
        }
        else
        {
            System.out.println(num + " num is odd ");
        }
    }
}
```

### 3) Sum of Array

```
public class Main {  
    public static void main(String[] args) {  
        int[] myArray = {1, 5, 10, 25};  
        int sum = 0;  
        int i;  
  
        for (i = 0; i < myArray.length; i++) {  
            sum += myArray[i];  
        }  
        System.out.println("The sum is: " + sum);  
    }  
}
```

### 4) Reversing String

```
public class Reverse  
{  
    public static void main(String[] args)  
    {  
        String str = "Hello";  
        String rstr = "";  
        System.out.println("Original string: " + str);  
        for (int i = 0; i < str.length(); i++)  
        {  
            rstr = str.charAt(i) + rstr;  
        }  
        System.out.println("Reversed string: " + rstr);  
    }  
}
```