

# JAVA PROGRAMS

**Write a Program to add two numbers.**

```
public class AddTwoNumbers {  
    public static void main(String[] args) {  
        int num1 = 5, num2 = 15, sum;  
        sum = num1 + num2;  
        System.out.println("Sum of these numbers: "+sum);  
    }  
}
```

Output:

```
Sum of these numbers: 20
```

---

```
import java.util.Scanner;  
public class AddTwoNumbers2 {  
    public static void main(String[] args) {  
        int num1, num2, sum;  
        Scanner sc = new Scanner(System.in);  
        System.out.println("Enter First Number: ");  
        num1 = sc.nextInt();  
        System.out.println("Enter Second Number: ");  
        num2 = sc.nextInt();  
        sc.close();  
        sum = num1 + num2;  
        System.out.println("Sum of these numbers: "+sum);  
    }  
}
```

Output:

```
Enter First Number:
```

```
121
```

```
Enter Second Number:
```

```
19
```

```
Sum of these numbers: 140
```

# Java Program to check Even or Odd number

```
import java.util.Scanner;

class CheckEvenOdd
{
    public static void main(String args[])
    {
        int num;
        System.out.println("Enter an Integer number:");

        //The input provided by user is stored in num
        Scanner input = new Scanner(System.in);
        num = input.nextInt();

        /* If number is divisible by 2 then it's an even number
        * else odd number*/
        if ( num % 2 == 0 )
            System.out.println("Entered number is even");
        else
            System.out.println("Entered number is odd");
    }
}
```

Output 1:

```
Enter an Integer number:
78
Entered number is even
```

Output 2:

```
Enter an Integer number:
77
Entered number is odd
```

# Java Program to Multiply Two Numbers

## Example 1: Program to read two integer and print product of them

```
import java.util.Scanner;

public class Demo {

    public static void main(String[] args) {

        /* This reads the input provided by user
         * using keyboard
         */
        Scanner scan = new Scanner(System.in);
        System.out.print("Enter first number: ");

        // This method reads the number provided using keyboard
        int num1 = scan.nextInt();

        System.out.print("Enter second number: ");
        int num2 = scan.nextInt();

        // Closing Scanner after the use
        scan.close();

        // Calculating product of two numbers
        int product = num1*num2;

        // Displaying the multiplication result
        System.out.println("Output: "+product);
    }
}
```

### Output:

```
Enter first number: 15
Enter second number: 6
Output: 90
```

## Example 2: Read two integer or floating point numbers and display the multiplication

Here we are using data type double for numbers so that you can enter integer as well as floating point numbers.

```
import java.util.Scanner;

public class Demo {

    public static void main(String[] args) {

        /* This reads the input provided by user
         * using keyboard
         */
        Scanner scan = new Scanner(System.in);
        System.out.print("Enter first number: ");

        // This method reads the number provided using keyboard
        double num1 = scan.nextDouble();

        System.out.print("Enter second number: ");
        double num2 = scan.nextDouble();

        // Closing Scanner after the use
        scan.close();

        // Calculating product of two numbers
        double product = num1*num2;

        // Displaying the multiplication result
        System.out.println("Output: "+product);
    }
}
```

**Output:**

```
Enter first number: 1.5
Enter second number: 2.5
Output: 3.75
```