

```
import java.util.Scanner;
interface Calculator{
    double add(double a,double b);
    double subtract(double a,double b);
    double multiply(double a,double b);
    double divide(double a,double b);
}
class SimpleCalculator implements Calculator{
@Override
    public double add(double a,double b){
        return a+b;
    }
@Override
    public double subtract(double a,double b){
        return a-b;
    }
@Override
    public double multiply(double a,double b){
        return a*b;
    }
@Override
    public double divide(double a,double b){
        return a/b;
    }
}
public class Interfaces {

    public static void main(String[] args) {
        Scanner scanner=new Scanner(System.in);
        Calculator calculator=new SimpleCalculator();

        System.out.print("Enter the first number:");
        double num1=scanner.nextDouble();
        System.out.print("Enter the second number:");
        double num2=scanner.nextDouble();

        System.out.println("\nResults:");
        System.out.println("Addition:"+calculator.add(num2, num2));
        System.out.println("Subtraction:"+calculator.subtract(num1,num2));
        System.out.println("Multiplication:"+calculator.multiply(num2, num2));
        System.out.println("Division:"+calculator.divide(num2, num2));
        scanner.close();
    }
}
```

```
--- CALCULATOR (Ubuntu-22.04) @ minilaptop ---
```

```
Enter the first number:65
Enter the second number:65
```

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Results:
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Addition:130.0
subtraction:0.0
multiplication:4225.0
division:1.0
```

```
BUILD SUCCESS
```

```
Total time: 23.485 s
Finished at: 2025-12-17T15:49:31+05:30
```