

#SIMPLE CALCULATOR PROGRAM(TASK-1)

```
import java.util.Scanner;
public class SimpleCalculator {
    public static void main(String[] args) {
        Scanner scanner = new Scanner(System.in);
        System.out.println("Simple Calculator Program!");
        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("Choose an operation: ");
        System.out.println("1. Addition (+)");
        System.out.println("2. Subtraction (-)");
        System.out.println("3. Multiplication (*)");
        System.out.println("4. Division (/)");
        System.out.print("Enter your choice (1/2/3/4): ");
        int choice = scanner.nextInt();
        switch (choice) {
            case 1:
                System.out.println("Result: " + (num1 + num2));
                break;
            case 2:
                System.out.println("Result: " + (num1 - num2));
                break;
            case 3:
                System.out.println("Result: " + (num1 * num2));
                break;
            case 4:
                if (num2 != 0) {
                    System.out.println("Result: " + (num1 / num2));
                } else {
                    System.out.println("Error: Division by zero is not allowed.");
                }
                break;
            default:
                System.out.println("Invalid choice. Please restart the program and choose a valid operation.");
                break;
        }
        scanner.close();
    }
}
```

#OUTPUT

```
Simple Calculator Program!
Enter the first number: 5
Enter the second number: 6
Choose an operation:
1. Addition (+)
2. Subtraction (-)
3. Multiplication (*)
4. Division (/)
Enter your choice (1/2/3/4): 3
Result: 30.0
```