

```
import java.util.Scanner;

public class SimpleCalculator {

    public static void main(String[] args) {

        Scanner scanner = new Scanner(System.in);

        System.out.print("Enter the first number: ");

        double num1 = scanner.nextDouble();

        System.out.print("Enter the second number: ");

        double num2 = scanner.nextDouble();

        System.out.print("Enter the operator (+, -, *, /): ");

        char operator = scanner.next().charAt(0);

        double result = performOperation(num1, num2, operator);

        if (Double.isNaN(result)) {

            System.out.println("Error: Invalid input or division by zero.");

        } else {

            System.out.println("Result: " + result);

        }

    }

    private static double performOperation(double num1, double num2, char operator) {

        switch (operator) {

            case '+':

                return num1 + num2;

            case '-':
```

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        return num1 - num2;
    case '*':
        return num1 * num2;
    case '/':
        return (num2 != 0) ? num1 / num2 : Double.NaN;
    default:
        return Double.NaN;
    }
}
}
```