

```
import java.util.Scanner;

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

        System.out.println("Welcome to Simple Calculator!");

        // Input first number
        System.out.print("Enter first number: ");
        double num1 = scanner.nextDouble();

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

        // Perform arithmetic operations
        System.out.println("\nOperations:");
        System.out.println("1. Addition (+)");
        System.out.println("2. Subtraction (-)");
        System.out.println("3. Multiplication (*)");
        System.out.println("4. Division (/)");
        System.out.print("Choose an operation (1/2/3/4): ");
        int operation = scanner.nextInt();

        double result = 0;

        switch (operation) {
            case 1:
                result = num1 + num2;
                System.out.println(num1 + " + " + num2 + " = " + result);
```

```
        break;
    case 2:
        result = num1 - num2;
        System.out.println(num1 + " - " + num2 + " = " + result);
        break;
    case 3:
        result = num1 * num2;
        System.out.println(num1 + " * " + num2 + " = " + result);
        break;
    case 4:
        if (num2 == 0) {
            System.out.println("Error! Division by zero is not allowed.");
        } else {
            result = num1 / num2;
            System.out.println(num1 + " / " + num2 + " = " + result);
        }
        break;
    default:
        System.out.println("Error! Invalid operation.");
        return;
}

scanner.close();
}
}
```