

```
1  import java.util.Scanner;
2  public class SimpleCalculator {
    Run | Debug
3      public static void main(String args[]) {
4          Scanner scanner = new Scanner(System.in);
5          System.out.println(x:"Simple Calculator");
6          System.out.println(x:"Enter the first number:");
7          double num1 = scanner.nextDouble();
8          System.out.println(x:"Enter the second number:");
9          double num2 = scanner.nextDouble();
10         System.out.println(x:"Select operation:");
11         System.out.println(x:"1. Addition (+)");
12         System.out.println(x:"2. Subtraction (-)");
13         System.out.println(x:"3. Multiplication (*)");
14         System.out.println(x:"4. Division (/)");
15         int choice = scanner.nextInt();
16         double result;
17         switch (choice) {
18             case 1:
19                 result = num1 + num2;
20                 System.out.println("Result: " + result);
21                 break;
22             case 2:
23                 result = num1 - num2;
24                 System.out.println("Result: " + result);
25                 break;
26             case 3:
27                 result = num1 * num2;
28                 System.out.println("Result: " + result);
29                 break;
30             case 4:
31                 if (num2 == 0) {
32                     System.out.println(x:"Error: Division by zero");
33                 } else {
34                     result = num1 / num2;
35                     System.out.println("Result: " + result);
36                 }
            }
```

```
switch (choice) {  
    case 1:  
        result = num1 + num2;  
        System.out.println("Result: " + result);  
        break;  
    case 2:  
        result = num1 - num2;  
        System.out.println("Result: " + result);  
        break;  
    case 3:  
        result = num1 * num2;  
        System.out.println("Result: " + result);  
        break;  
    case 4:  
        if (num2 == 0) {  
            System.out.println(x:"Error: Division by zero");  
        } else {  
            result = num1 / num2;  
            System.out.println("Result: " + result);  
        }  
        break;  
    default:  
        System.out.println(x:"Invalid choice");  
}
```

PROBLEMS

OUTPUT

DEBUG CONSOLE

TERMINAL

PORTS

Enter the first number:

10

Enter the second number:

20

Select operation:

1. Addition (+)

2. Subtraction (-)

3. Multiplication (*)

4. Division (/)

3

Result: 200.0

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