

## E:\calculator.java

```
1 // Java program for simple calculator
2 import java.io.*;
3 import java.lang.*;
4 import java.lang.Math;
5 import java.util.Scanner;
6
7 // Driver class
8 public class BasicCalculator {
9     // main function
10    public static void main(String[] args)
11    {
12        // Stores two numbers
13        double num1, num2;
14
15        // Take input from the user
16        Scanner sc = new Scanner(System.in);
17
18        System.out.println("Enter the numbers:");
19
20        // Take the inputs
21        num1 = sc.nextDouble();
22        num2 = sc.nextDouble();
23
24        System.out.println("Enter the operator (+,-,*,/):");
25
26        char op = sc.next().charAt(0);
27        double o = 0;
28
29        switch (op) {
30            // case to add two numbers
31            case '+':
32                o = num1 + num2;
33                break;
34
35            // case to subtract two numbers
36            case '-':
37                o = num1 - num2;
38                break;
39
40            // case to multiply two numbers
41            case '*':
42                o = num1 * num2;
43                break;
44
45            // case to divide two numbers
46            case '/':
47                o = num1 / num2;
48                break;
49
50            default:
51                System.out.println("You enter wrong input");
52        }
53
54        System.out.println("The final result:");
```

```
55 |         System.out.println();
56 |
57 |         // print the final result
58 |         System.out.println(num1 + " " + op + " " + num2
59 |                             + " = " + o);
60 |     }
61 | }
```