```java
 1 package com;
 2     import java.util.Scanner;
 3     public class ArthmaticCalculator {
 4⊖      public static void main(String[] args)
 5          {
 6              double num1, num2;
 7                  Scanner sc = new Scanner(System.in);
 8
 9              System.out.println("Enter the numbers");
10              num1 = sc.nextDouble();
11              num2 = sc.nextDouble();
12              System.out.println("Enter the operator (+,-,*,/)");
13              char op = sc.next().charAt(0);
14              double o = 0;
15              switch (op) {
16              case '+':
17                  o = num1 + num2;
18                  break;
19              case '-':
20                  o = num1 - num2;
21                  break;
22              case '*':
23                  o = num1 * num2;
24                  break;
25              case '/':
26                  o = num1 / num2;
27                  break;
28              default:
29                  System.out.println("You enter wrong input");
30                  break;
31              }
32              System.out.println("The final result:");
33              System.out.println();
34              System.out.println(num1 + " " + op + " " + num2
35                      + " = " + o);
36          }
37      }
38
```

```
Enter the numbers
25
45
Enter the operator (+,-,*,/)
*
The final result:

25.0 * 45.0 = 1125.0
```