```java
1 package javaassignmentprograms;
2 import java.util.Scanner;
3 class SimpleCalculator
4 {
5     public static void main(String[] args) {
6         Scanner scanner = new Scanner
  (System.in);
7         System.out.println("Simple
  Calculator");
8         System.out.print("Enter the first
  number: ");
9         double num1 = scanner.nextDouble();
10        System.out.print("Enter the operator
  (+, -, *, /): ");
11        char operator = scanner.next().charAt
  (0);
12        System.out.print("Enter the second
  number: ");
13        double num2 = scanner.nextDouble();
14      double result = 0;
15      switch (operator) {
16          case '+':
17              result = num1 + num2;
18              break;
19          case '-':
20              result = num1 - num2;
21              break;
22          case '*':
```

```java
23                  result = num1 * num2;
24                  break;
25              case '/':
26                  if (num2 != 0) {
27                      result = num1 / num2;
28                  } else {
29                      System.out.println("Error: Division by zero is not allowed.");
30                      System.exit(1);
31                  }
32                  break;
33              default:
34                  System.out.println("Error: Invalid operator.");
35                  System.exit(1);
36          }
37      System.out.println("Result: " + result);
38 }
39 }
40
41
42
43
44
```