

```
7      switch (operator)
8      {
9          case '+':
10             result = number1 +number2;
11             System.out.println(result);
12             break;
13
14          case '-':
15             result = number1-number2;
16             System.out.println(result);
17
18          case '*':
19             result = number1 * number2;
20             System.out.println(result);
21
22          case '/':
23             result = number1 /  number2;
24             System.out.println(result);
25
26          default :
27             System.out.println("Invalid operator!");
28             break;
29      }
30  }
31
32  }
33
34  }
```

```
1 package Project;
2 import java.util.Scanner;
3 public class ArithmeticCalculator {
4
5     public static void main(String[] args) {
6         // TODO Auto-generated method stub
7         char operator;
8         Double number1, number2, result;
9         Scanner sc = new Scanner(System.in);
10        System.out.println("Choose an operator : +, -, *, /");
11        operator = sc.next().charAt(0);
12        System.out.println("Enter the First Number:");
13        number1 = sc.nextDouble();
14        System.out.println("Enter the second Number:");
15        number2 = sc.nextDouble();
16
17        switch (operator)
18        {
19            case '+':
20                result = number1 + number2;
21                System.out.println(result);
22                break;
23
24            case '-':
25                result = number1 - number2;
26                System.out.println(result);
27
28            case '*':
29                result = number1 * number2;
30                System.out.println(result);
31
32            case '/':
33                result = number1 / number2;
```