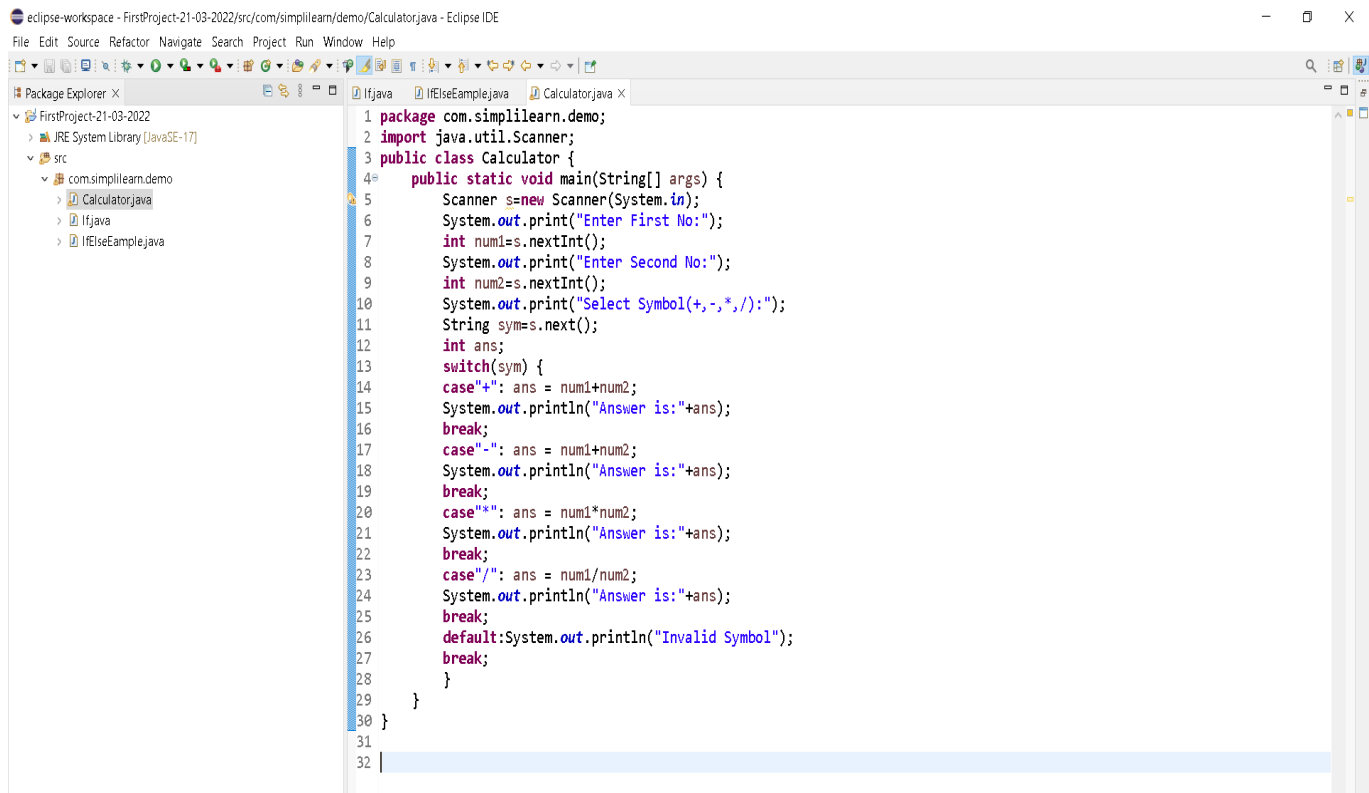


# Source Code:



The screenshot shows the Eclipse IDE interface. The Package Explorer on the left displays the project structure: FirstProject-21-03-2022 > src > com.simplilearn.demo > Calculator.java. The main editor window shows the source code of Calculator.java. The code uses the Scanner class to take input from the user and a switch statement to perform arithmetic operations based on the selected symbol.

```
1 package com.simplilearn.demo;
2 import java.util.Scanner;
3 public class Calculator {
4     public static void main(String[] args) {
5         Scanner s=new Scanner(System.in);
6         System.out.print("Enter First No:");
7         int num1=s.nextInt();
8         System.out.print("Enter Second No:");
9         int num2=s.nextInt();
10        System.out.print("Select Symbol(+,-,*,/):");
11        String sym=s.next();
12        int ans;
13        switch(sym) {
14            case "+": ans = num1+num2;
15            System.out.println("Answer is:"+ans);
16            break;
17            case "-": ans = num1-num2;
18            System.out.println("Answer is:"+ans);
19            break;
20            case "*": ans = num1*num2;
21            System.out.println("Answer is:"+ans);
22            break;
23            case "/": ans = num1/num2;
24            System.out.println("Answer is:"+ans);
25            break;
26            default: System.out.println("Invalid Symbol");
27            break;
28        }
29    }
30 }
31
32
```

# Output:

## 1.Addition:

```
<terminated> Calculator [Java Application] C:\Program Files\Java\jdk-17.0.2\bin
Enter First No:23
Enter Second No:45
Select Symbol(+,-,*,/):+
Answer is:68
```

## 2.Subtraction:

<terminated> Calculator [Java Application] C:\Program Files\Java\jdk-17.0.2\bin\javaw.exe (Mar 21, 2022, 11:13:22 PM – 11:13:22 PM)

Enter First No:45

Enter Second No:23

Select Symbol(+, -, \*, /):-

Answer is:22

## 3.Multipliaion

<terminated> Calculator [Java Application] C:\Program Files\Java\jdk-17.0.2\bin\javaw.exe (Mar 21, 2022, 10:43:50 PM – 10:43:58 PM) [pid: 9400]

Enter First No:23

Enter Second No:45

Select Symbol(+, -, \*, /):\*

Answer is:1035

## 4.Division

<terminated> Calculator [Java Application] C:\Program Files\Java\jdk-17.0.2\bin\javaw.exe (Mar 21, 2022, 11:15:10

```
Enter First No:77
Enter Second No:7
Select Symbol(+,-,*,/):/
Answer is:11
```

## 5.Different Operator

<terminated> Calculator [Java Application] C:\Program Files\Java\jdk-17.0.2\bin\javaw.exe (Mar 21, 2022, 11:16:13 PM – 11:16:24 PM

```
Enter First No:45
Enter Second No:34
Select Symbol(+,-,*,/):&
Invalid Symbol
```