

```
1 using System;
2
3 namespace Calculator
4
5 {
6     class Program
7     {
8         static void Main(string[] args)
9         {
10             do
11             {
12
13                 double num1 = 0;
14                 double num2 = 0;
15                 double result = 0;
16
17                 Console.WriteLine("-----");
18                 Console.WriteLine("Rohan's Vintage
Calculator Program");
19                 Console.WriteLine("-----");
20
21                 Console.WriteLine("Enter number 1: "
);
22                 num1 = Convert.ToDouble(Console.
ReadLine());
23
24                 Console.WriteLine("Enter number 2: "
);
25                 num2 = Convert.ToDouble(Console.
ReadLine());
26
27                 Console.WriteLine("Enter an option: "
);
28                 Console.WriteLine("+ : Add");
29                 Console.WriteLine("- : Subtract");
30                 Console.WriteLine("* : Multiply");
31                 Console.WriteLine("/ : Divide");
32                 Console.WriteLine("Enter an option: (
```

```
32 write Symbol from Keyboard)");
33
34         switch (Console.ReadLine())
35         {
36             case "+":
37                 result = num1 + num2;
38                 Console.WriteLine($"Your
result: {num1} + {num2} = " + result);
39                 break;
40
41             case "-":
42                 result = num1 - num2;
43                 Console.WriteLine($"Your
result: {num1} - {num2} = " + result);
44                 break;
45
46             case "*":
47                 result = num1 * num2;
48                 Console.WriteLine($"Your
result: {num1} * {num2} = " + result);
49                 break;
50
51             case "/":
52                 result = num1 / num2;
53                 Console.WriteLine($"Your
result: {num1} / {num2} = " + result);
54                 break;
55             default:
56                 Console.WriteLine("That was
not a valid option");
57                 break;
58         }
59         Console.WriteLine("Would you like to
continue? (Y = Yes, N = No: )");
60     } while (Console.ReadLine().ToUpper
() == "Y");
61
62     Console.WriteLine("GoodBye! Feel free
```

```
62  to come back here");  
63      Console.ReadKey();  
64  
65      }  
66  }  
67  
68 }
```