

```
1  using System;
2
3  namespace LP3_1
4  {
5      class Program
6      {
7          static void Main(string[] args)
8          {
9              Console.WriteLine("Enter the action to be performed");
10             Console.WriteLine("Press 1 for Addition");
11             Console.WriteLine("Press 2 for Subtraction");
12             Console.WriteLine("Press 3 for Multiplication");
13             Console.WriteLine("Press 4 for Division \n");
14             int action = Convert.ToInt32(Console.ReadLine());
15             Console.WriteLine("Enter 1st input");
16             int input_1 = Convert.ToInt32(Console.ReadLine());
17             Console.WriteLine("Enter 2nd input");
18             int input_2 = Convert.ToInt32(Console.ReadLine());
19             int result = 0;
20             switch (action)
21             {
22                 case 1:
23                 {
24                     result = Addition(input_1, input_2);
25                     break;
26                 }
27                 case 2:
28                 {
29                     result = Subtraction(input_1, input_2);
30                     break;
31                 }
32                 case 3:
33                 {
34                     result = Multiplication(input_1, input_2);
35                     break;
36                 }
37                 case 4:
38                 {
39                     result = Division(input_1, input_2);
40                     break;
41                 }
42                 default:
43                     Console.WriteLine("Wrong action!! try again");
44                     break;
45             }
46             Console.WriteLine("The result is {0}", result);
47             Console.ReadKey();
48         }
49         //Addition
50         public static int Addition(int input_1, int input_2)
51         {
52             int result = input_1 + input_2;
```

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53         return result;
54     }
55     //Substraction
56     public static int Subtraction(int input_1, int input_2)
57     {
58         int result = input_1 + input_2;
59         return result;
60     }
61     //Multiplication
62     public static int Multiplication(int input_1, int input_2)
63     {
64         int result = input_1 + input_2;
65         return result;
66     }
67     //Division
68     public static int Division(int input_1, int input_2)
69     {
70         int result = input_1 + input_2;
71         return result;
72     }
73 }
74 }
```