```vb
1  'Jemika Smith
2  'RCET0265
3  'Spring2020
4  'BetterCalculator
5  'https://github.com/smitjemi/JKS-VS-S20
6  Option Explicit On
7  Option Strict On
8  Option Compare Text
9  Module BetterCalculator
10
11     Sub Main()
12         Dim firstNumber As Integer
13         Dim secondNumber As Integer
14         Dim userChoice As String
15         Dim quitProgram As Boolean
16         Dim promptUser As Boolean
17         Dim userInput1 As String
18         Dim userInput2 As String
19
20         promptUser = True
21         quitProgram = False
22
23         Do While quitProgram = False
24             'prompt user for two numbers
25             Console.Write("Please enter a first number...")
26             Do While promptUser = True
27                 userInput1 = Console.ReadLine()
28                 Try
29                     firstNumber = CInt(userInput1)
30                     promptUser = False
31                     Console.WriteLine("You Entered """ & firstNumber & """")
32                 Catch ex As Exception
33                     If userInput1 = "q" Then
34                         promptUser = False
35                         quitProgram = True
36                     Else
37                         Console.WriteLine("You Entered """ & userInput1 & """.    ⏎
                            Please enter a whole number")
38                         promptUser = True
39                     End If
40
41                 End Try
42             Loop
43             promptUser = True
44             Do While promptUser = True And quitProgram = False
45                 Console.Write("Please enter a second number...")
46                 userInput2 = Console.ReadLine()
47                 Try
48                     secondNumber = CInt(userInput2)
49                     promptUser = False
50                     Console.WriteLine("You Entered """ & secondNumber & """")
51                 Catch ex As Exception
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```vb
52                   If userInput2 = "q" Then
53                       promptUser = False
54                       quitProgram = True
55                   Else
56                       Console.WriteLine("You Entered """ & userInput2 & """.   ⮠
                     Please enter a whole number")
57                       promptUser = True
58                   End If
59               End Try
60           Loop
61           promptUser = True
62           'prompt user for sum or product choice
63           'perform proper operation
64           Do While promptUser = True And quitProgram = False
65               Console.WriteLine("Please Choose an Option")
66               Console.WriteLine("1. Add")
67               Console.WriteLine("2. Multiply")
68               Console.WriteLine("3. Subtract")
69               Console.WriteLine("4. Divide")
70               userChoice = Console.ReadLine()
71               Console.WriteLine("You Entered """ & userChoice & """")
72
73               'Determine the user's choice
74               If userChoice = "1" Then
75                   promptUser = False
76                   Console.WriteLine(firstNumber & " + " & secondNumber & " = "  ⮠
                     & firstNumber + secondNumber)
77               ElseIf userChoice = "2" Then
78                   promptUser = False
79                   Console.WriteLine(firstNumber & " * " & secondNumber & " = "  ⮠
                     & firstNumber + secondNumber)
80               ElseIf userChoice = "3" Then
81                   promptUser = False
82                   Console.WriteLine(firstNumber & " - " & secondNumber & " = "  ⮠
                     & firstNumber + secondNumber)
83               ElseIf userChoice = "4" Then
84                   promptUser = False
85                   Console.WriteLine(firstNumber & " / " & secondNumber & " = "  ⮠
                     & firstNumber + secondNumber)
86               ElseIf userChoice = "q" Then
87                   promptUser = False
88                   quitProgram = True
89               Else
90                   Console.WriteLine("Invalid Selection")
91                   promptUser = True
92               End If
93           Loop
94           'display result prompt to end
95           promptUser = True
96       Loop
97       Console.WriteLine("Have a nice day...")
98       Console.ReadLine()
```

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 99
100        End Sub
101
102  End Module
103
```