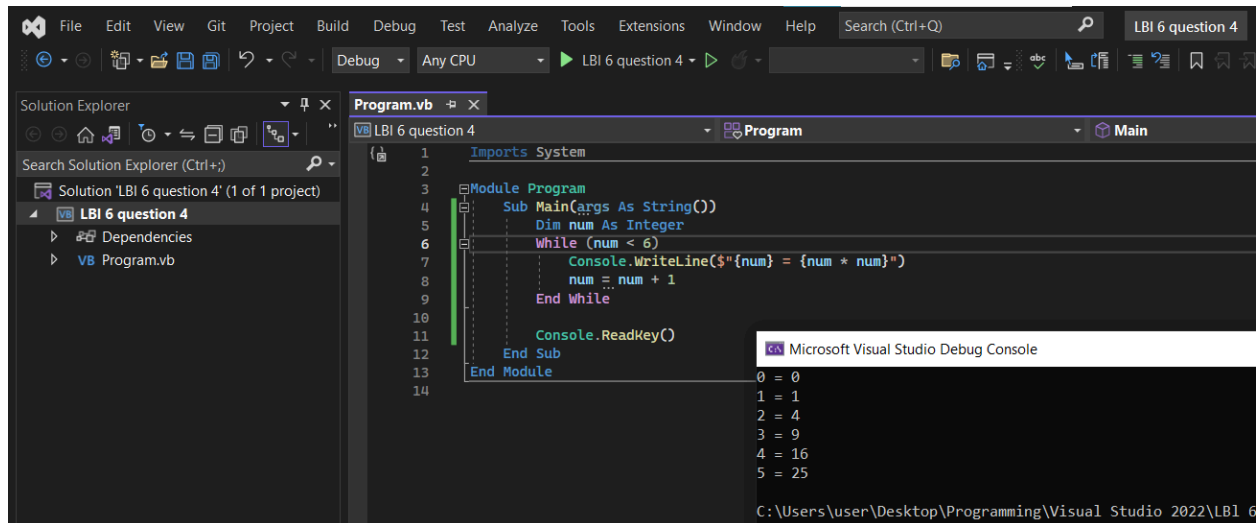# Topic : Repetition/Iteration – Use WHILE..END WHILE loop

1. Write a While loop that displays each integer from 1 to 5 on a separate line, along with its square.
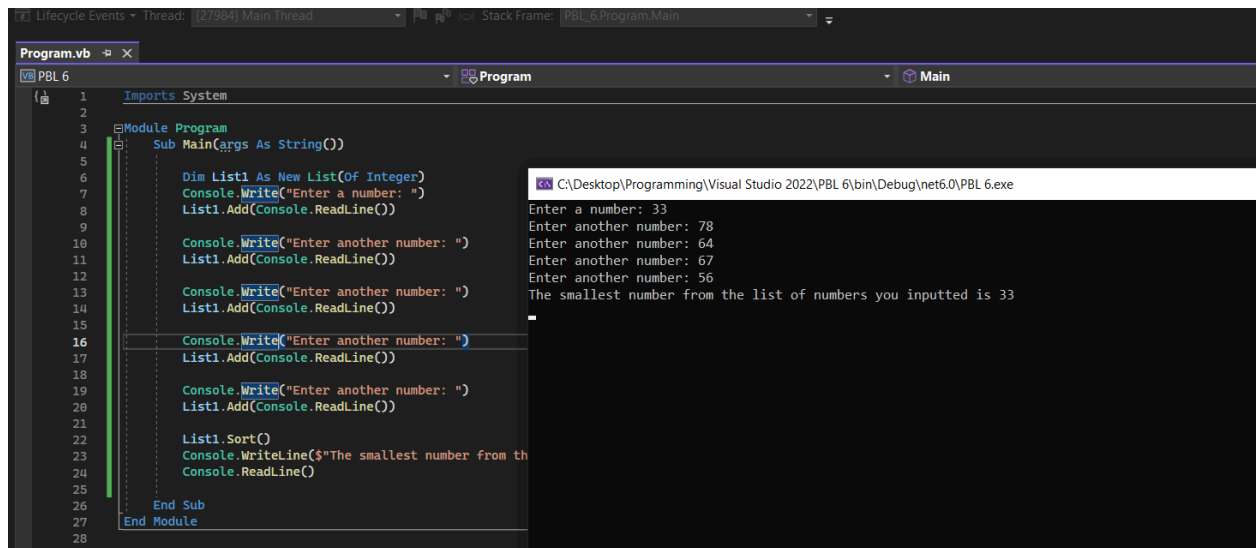

2. Write a program to find the smallest number in a list of 5 positive integers.

3. Write a program to add a list of positive number input by the user. The loop is terminated when an input of -1 is entered.

4. Write a program to print the following using a While..End While loop.

```
* * * * *
* * * * *
* * * * *
* * * * *
* * * * *
```
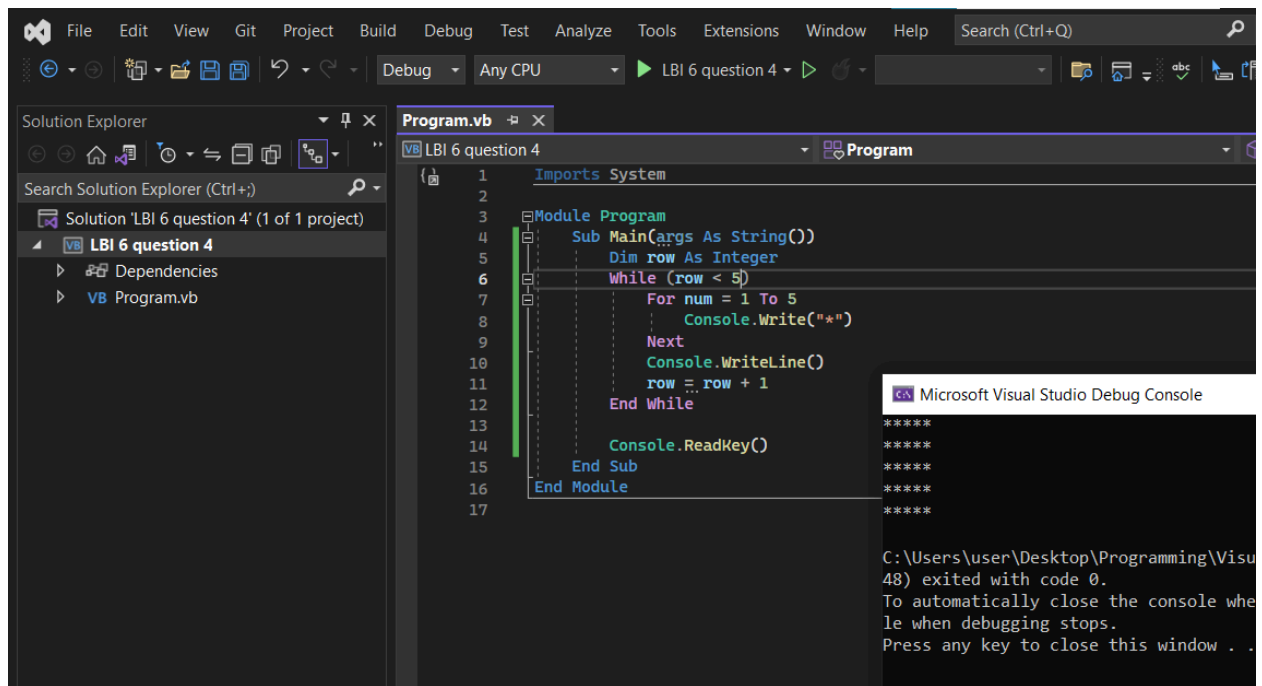

5. Write a program to print the following using a While..End While loop.

```
A
AB
ABC
ABCD
ABCDE
```

```vb
Imports System

Module Program
    Sub main()
        Dim max As Integer = 65
        Dim min As Integer

        While max < 70
            min = 65
            While min ≤ max
                Console.Write(Chr(min))
                min = min + 1
            End While
            Console.WriteLine()
            max += 1

        End While
        Console.ReadKey()
    End Sub
End Module
```

Microsoft Visual Studio Debug Console

```
A
AB
ABC
ABCD
ABCDE

C:\Desktop\Programming\Visual Studio 2022\ConsoleApp1\bin\Debug\net6.0\ConsoleApp1.exe (process 15
0.
To automatically close the console when debugging stops, enable Tools->Options->Debugging->Automat
le when debugging stops.
Press any key to close this window . . .
```