```vb
1  'Nathan Carlson
2  'RCET0265
3  'asg8-1
4  'Random Number generator
5  'https://github.com/carlnathF19/NDC-VS-F19/tree/master/assignments/Asg8-1
6
7  Option Explicit On
8  Option Strict On
9
10 Public Class RandomNumGenerator
11     Public Function createRandom() As Integer
12         'creates a Random number between 1 and 20 and offsets it by -10 which
             gives a random number
13         'between -10 and 10
14         Dim randomNum As Integer
15         randomNum = Convert.ToInt16(Rnd() * 20 - 10)
16         'initializes randomizer
17         Randomize(DateAndTime.Now.Millisecond)
18         Return randomNum
19     End Function
20     Private Function format(temparray() As Integer, index As Integer) As String
21         Dim tempSummary As String
22
23         If temparray(index) = 10 Or temparray(index) = -10 Then
24             tempSummary &= temparray(index).ToString.PadLeft(4) & " |"
25         Else
26             tempSummary &= temparray(index).ToString.PadLeft(5) & " |"
27         End If
28
29         Return tempSummary
30     End Function
31     Private Sub GenerateNumbersToolStripMenuItem_Click(sender As Object, e As
         EventArgs) _
32         Handles GenerateNumbersToolStripMenuItem.Click,
             GenerateNumbersToolStripMenuItem1.Click,
33         genRandNumButton.Click
34         'Dims a randomArray which is dynamic but has a set number of elements.
35         Dim randomArray(10) As Integer
36         Dim columnWidth As Integer = 0
37         Static summary As String
38         '''clears the list box of previous random numbers
39         ''randomNumListBox.Items.Clear()
40
41         'loops through 10 times and calls createRandom to fill the array.
42         For i = 0 To 9
43             randomArray(i) = createRandom()
44             summary &= format(randomArray, i)
45
46         Next
```

```vb
47            randomNumListBox.Items.Add(summary)
48            summary = ""
49
50        End Sub
51
52
53  End Class
54
```