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1 'Nathan Comstock
2 'RCET0265
3 'Spring 2020
4 'DiceRoller2000
5 'https://github.com/comsnath/NC-VS-S20
6
7 Public Class DiceRollerForm
8
9     Private Sub Form1_Load(sender As Object, e As EventArgs) Handles Me.Load
10
11     End Sub
12
13
14     Private Sub RollButton_Click(sender As Object, e As EventArgs) Handles
RollButton.Click
15         'Create variables
16         Dim firstDice As Single
17         Dim secondDice As Single
18         Dim sumDice As Single
19         Dim diceArray(12) As Integer
20
21         'Start Roller
22         For roll = 1 To 1000
23             'Randomize
24             Randomize()
25             firstDice = Int((6 * Rnd()) + 1)
26             Randomize()
27             secondDice = Int((6 * Rnd()) + 1)
28             sumDice = firstDice + secondDice
29
30             'Check Number and Insert Into Array
31             Select Case sumDice
32                 Case sumDice
33                     diceArray(sumDice) += 1
34             End Select
35
36         Next
37
38
39
40
41         'Write out Array
42         OutputListBox.Items.Add("2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12")
43         OutputListBox.Items.Add(diceArray(2) & ", " & diceArray(3) & ", " &
diceArray(4) & ", " & diceArray(5) _
44             & ", " & diceArray(6) & ", " & diceArray(7) & ", " &
diceArray(8) & ", " & diceArray(9) _
45             & ", " & diceArray(10) & ", " & diceArray(11) & ", " &
diceArray(12))
46         OutputListBox.Items.Add(StrDup(55, "-"))
47     End Sub
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50 End Class

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