

```
1  Module Module1
2
3
4      'Dim DiceSum As Single
5
6      'Private Function DiceOne() As Integer
7
8          '    Dim maxSingle As Single : maxSingle = 5
9          '    Dim minSingle As Single : minSingle = 1
10         '    Dim tempSingle As Single
11         '    Randomize(System.DateTime.Now.Millisecond) 'set seed to current system
12         '    tempSingle = ((maxSingle - minSingle + 1) * Rnd() + minSingle) 'actually
13         '    DiceOne = Convert.ToInt32(tempSingle) 'return the number
14
15         '    Console.WriteLine("Dice One =")
16         '    Console.WriteLine(DiceOne)
17         '    Console.ReadLine()
18
19     'End Function
20
21     'Private Function DiceTwo() As Integer
22
23         '    Dim maxSingle As Single : maxSingle = 5
24         '    Dim minSingle As Single : minSingle = 1
25         '    Dim tempSingle As Single
26         '    Randomize(System.DateTime.Now.Millisecond) 'set seed to current system
27         '    tempSingle = ((maxSingle - minSingle + 1) * Rnd() + minSingle) 'actually
28         '    DiceTwo = Convert.ToInt32(tempSingle) 'return the number
29
30         '    Console.WriteLine("Dice Two =")
31         '    Console.WriteLine(DiceTwo)
32         '    Console.ReadLine()
33
34     'End Function
35
36     'Private Function DiceTotal() As Integer
37
38         '    DiceSum = DiceOne() + DiceTwo()
39         '    Console.WriteLine("Dice One + Dice Two = " & DiceSum)
40         '    Console.ReadLine()
41
42     'End Function
43     'Function RunningTotals(currentValue As Integer, increment As Boolean, clear
44     '    Static counterArray(10) As Integer
45     '    Const OFFSET As Integer = 2
46     '    If increment = True Then
47         '        counterArray(currentValue - OFFSET) += 1
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48     ' End If
49     ' Return counterArray
50 'End Function
51 Sub Main()
52     'For ROLL = 1 To 1000
53     '    DiceTotal()
54     'Next
55     Dim sum As Integer
56     Dim MyArray(12, 2) As Decimal
57     Dim rollNumber As Integer = 1000
58     For i = 1 To rollNumber
59         Randomize()
60         sum = Int((6 * Rnd()) + 1) + Int((6 * Rnd()) + 1)
61         MyArray(sum, 2) += 1
62         'myArray(row, column)
63         For j = 2 To 12
64             MyArray(j, 1) = j
65         Next
66     Next
67     'display's array
68     Console.WriteLine("                                ~ Roll Of The Dice    ↗
69     ~")
70     For i = 1 To 2
71         For j = 2 To 12
72             Console.Write(MyArray(j, i).ToString().PadLeft(5) & " |")
73         Next
74         Console.WriteLine()
75     Next
76     Console.ReadLine()
77 End Sub
78 'Sub RollTwoDice()
79
80 'End Sub
81 'Sub WriteArrayToConsole(arrayOfNumbers() As Integer)
82 '    Console.WriteLine(Space(19) & "Roll Of The Dice" & Space(19))
83 '    Console.WriteLine(StrDup(55, "-"))
84
85 '    For i = LBound(arrayOfNumbers) To UBound(arrayOfNumbers)
86 '        Console.Write(CStr(i + 2).PadLeft(4) & "|")
87 '    Next
88 '    Console.WriteLine()
89 '    Console.WriteLine(StrDup(55, "-"))
90 '    For i = LBound(arrayOfNumbers) To UBound(arrayOfNumbers)
91 '        Console.Write(CStr(arrayOfNumbers(i)).PadLeft(4) & "|")
92 '    Next
93 'End Sub
94
95 End Module
96

```