

```
1
2 Module RollofTheDice
3     Sub Main()
4
5         Dim firstRoll As Integer
6         Dim secondRoll As Integer
7         Dim rollSum As Integer
8         Dim diceArray(12, 2) As Integer
9         For i = 1 To 1000
10
11             'Roll dice
12             Randomize()
13             firstRoll = Int((Rnd() * 6) + 1)
14             Randomize()
15             secondRoll = Int((Rnd() * 6) + 1)
16             'Add dice
17             rollSum = firstRoll + secondRoll
18
19             'Times rolled
20             diceArray(rollSum, 2) += 1
21
22             'Number between 2 and 12 rolled
23             For j = 2 To 12
24                 diceArray(j, 1) = j
25             Next
26
27         Next
28
29         'Write array
30         Console.WriteLine("    Number Rolled    Times Rolled")
31         For i = 2 To 12
32             For j = 1 To 2
33                 Console.Write(diceArray(i, j).ToString().PadLeft(15) & "|")
34             Next
35             Console.WriteLine()
36         Next
37
38     End Sub
39 End Module
40
```