

```

1 // Creates an array of random values ranging from 1 to 100 inclusive
2
3 public class CriticalThree
4 {
5     public static void main (String[]args)
6     {
7         double myRandomD = 0.0;
8         int myRandomI = 0;
9         int size = 10;
10        int[] myIntArr = new int[size]; // An array with 10 place holders - zero to 9.
11
12        // Generate 10 random numbers and assign to the array in the next position
13        for (int i = 0; i < size; i++)
14        {
15            myRandomD = (int) (Math.random() * 100) + 1; // Add one to avoid zero to 99.
16            myRandomI =(int)myRandomD; // gets rid of the annoying extra zero
17            myIntArr[i] = myRandomI;
18        }
19
20        for (int i = 0; i < size; i++)
21            System.out.println("Number " + i + " is " + myIntArr[i]);
22
23    } // end main
24 } // end class
25
26 OUTPUT looks like this
27 =====
28     Number 0 is 53
29     Number 1 is 93
30     Number 2 is 71
31     Number 3 is 34
32     Number 4 is 32
33     Number 5 is 44
34     Number 6 is 70
35     Number 7 is 62
36     Number 8 is 14
37     Number 9 is 21

```