

ShuffleArray.java

```
1  import java.util.Random;
2
3
4  public class ShuffleArray {
5      public static void main(String[] args)
6      {
7          int[] array = {1,2,3,4,5,6,7};
8          shuffleArray(array);
9          System.out.print("Shuffled Array: ");
10         for (int num : array) {
11             System.out.print(num + " ");
12         }
13     }
14
15     public static void shuffleArray(int[] array)
16     {
17         int n = array.length;
18         Random rand = new Random();
19
20         for (int i = n - 1; i > 0; i--) {
21             int j = rand.nextInt(i + 1);
22
23             int temp = array[i];
24             array[i] = array[j];
25             array[j] = temp;
26         }
27     }
28 }
29
```