

```
1 package chapter05.exercise;
2
3 import java.util.Random;
4
5 public class Exercise54 {
6     public static void main(String[] args) {
7         Random random = new Random();
8         int[] sumArray = new int[6];
9
10        for(int i = 0; i < 10000; i++) { // i 꼭 안 써도 됨
11            int dice = random.nextInt(6) + 1;
12            switch(dice) {
13                case 1:
14                    sumArray[0]++;
15                    break;
16                case 2:
17                    sumArray[1]++;
18                    break;
19                case 3:
20                    sumArray[2]++;
21                    break;
22                case 4:
23                    sumArray[3]++;
24                    break;
25                case 5:
26                    sumArray[4]++;
27                    break;
28                case 6:
29                    sumArray[5]++;
30                    break;
31            }
32        }
33
34        // if(dice == 1) {
35        //     sumArray[0]++;
36        // } else if(dice == 2) {
37        //     sumArray[1]++;
38        // } else if(dice == 3) {
39        //     sumArray[2]++;
40        // } else if(dice == 4) {
41        //     sumArray[3]++;
42        // } else if(dice == 5) {
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43 //          sumArray[4]++;
44 //      } else if(dice == 6) {
45 //          sumArray[5]++;
46 //      }
47 //  }
48      System.out.println("-----");
49      System.out.println("면\t빈도");
50      System.out.println("-----");
51      System.out.println("1\t" + sumArray[0]);
52      System.out.println("2\t" + sumArray[1]);
53      System.out.println("3\t" + sumArray[2]);
54      System.out.println("4\t" + sumArray[3]);
55      System.out.println("5\t" + sumArray[4]);
56      System.out.println("6\t" + sumArray[5]);
57  }
58 }
```