

```
1 package chapter05.exercise;
2
3 import java.util.Arrays;
4 import java.util.Random;
5
6 public class Exercise52 {
7
8     public static void main(String[] args) {
9         Random random = new Random();
10        int[] array = new int[6];
11
12        for(int i = 0; i < array.length; i++) {
13            array[i] = random.nextInt(45) + 1;
14            for(int j = 0; j < i; j++) {
15                if(array[i]==array[j]) {
16                    i--;
17                }
18            }
19        }
20        Arrays.sort(array);
21        System.out.print("let me first then I'll give you my love
22        : ");
23        for(int i=0; i < 6;i++ ) {
24            System.out.print(array[i] + ".");
25        }
26 }
```