

```
1 package com.company;
2
3 public class Main {
4
5     public static void main(String[] args) {
6
7         int ilw = 15;
8         int[] wek = new int[ilw];
9         int i,j,k;
10        int pom;
11
12
13
14        for (i=0;i<ilw;i++)
15            wek[i]=(int)(100*Math.random());
16
17        System.out.print("Wektor: ");
18        for (i=0;i<ilw;i++)
19            System.out.print(wek[i]+ ",");
20        System.out.println();
21
22
23        wek[0]=-1;
24        for (i=1;i<ilw-1;i++){
25            pom = wek[i+1];
26            j = i;
27            while (wek[j]>pom){
28                wek[j+1] = wek[j];
29                j--;
30            }
31            wek[j+1] = pom;
32
33            for (k=0;k<ilw;k++)
34                System.out.print(wek[k]+",");
35            System.out.println();
36        }
37
38
39        System.out.println("");
40        System.out.print("Wektor posortowany to: ");
41        for (i=0;i<ilw;i++)
42            System.out.print(wek[i]+ ",");
43        System.out.println();
44
```

```
45     }  
46 }  
47
```