

```
1: import java.awt.List;
2: import java.io.BufferedReader;
3: import java.io.IOException;
4: import java.io.InputStreamReader;
5: import java.util.Collections;
6: import java.util.LinkedList;
7:
8:
9: public class Jump {
10:
11:     public static int pole[];
12:     public static int indexy[];
13:     public static void main(String[] args) throws IOException {
14:
15:         BufferedReader in = new BufferedReader(new InputStreamReader(System.in));
16:
17:         String line = "";
18:
19:         boolean pop = true;
20:
21:         while(!(line = in.readLine()).equals("0")) {
22:
23:             line = in.readLine();
24:
25:             String split[] = line.split(" ");
26:
27:             pole = new int[split.length];
28:
29:             for (int i = 0; i < pole.length; i++) {
30:                 pole[i] = Integer.parseInt(split[i]);
31:             }
32:
33:
34:             indexy = new int[pole.length];
35:             rekur(0, indexy);
36:
37:
38:
39:             for (int i = indexy.length - 1; i > 0; i--) {
40:                 if (indexy[i] == 1) {
41:                     System.out.println(i);
42:                     break;
43:                 }
44:             }
45:
46:         }
47:     }
48: }
```

```
49:     public static void rekur(int index, int[] list)
50:     {
51:         if (index == -1 || list[index] == 1)
52:             return;
53:         list[index] = 1;
54:
55:         for (int i = index + 1; i < pole.length; i++)
56:             if (pole[index] + pole[i] == i - index && list[i] == 0)
57:                 rekur(i, list);
58:
59:         for (int i = index - 1; i > 0; i--) {
60:             if (pole[index] + pole[i] == Math.abs(index - i) && list[i] == 0) {
61:                 rekur(i, list);
62:             }
63:         }
64:     }
65:
66: }
```