

MAX INDEX IN SEQUENCE

Code:

```
2  package com.mycompany.maxindexinsequence;
3  import java.util.*;
4  public class MaxIndexInSequence {
5
6      public static void main(String[] args) {
7          Scanner input = new Scanner(System.in);
8
9          int number;
10         int max = Integer.MIN_VALUE;
11         int index = 0;
12         int maxIndex = 0;
13         System.out.println("Enter numbers (end with 0):");
14         do {
15             number = input.nextInt();
16             index++;
17
18             if (number != 0 && number > max) {
19                 max = number;
20                 maxIndex = index;
21             }
22         } while (number != 0);
23         System.out.println("Index of first maximum element: " + maxIndex);
24     }
25 }
```

Output:

```
Enter numbers (end with 0):
30
45
67
56
132
100
0
Index of first maximum element: 5
```