```
package LinkedList;
1
2
3
    class FindLastKIndex{
4
5
         public Node findLastKIndex(Node head, int lastKIndex) {
6
7
             if (lastKIndex <= 0) {</pre>
8
                 return null;
9
             }
10
11
12
             Node slow = null;
13
             Node fast = head;
14
15
             for (int i = 0; i < lastKIndex - 1; i++) {
16
17
                 if ( fast != null ) {
18
                      fast = fast.next;
19
                 } else {
20
                      return null;
21
                 }
22
             if ( fast == null ) {
23
24
                 return null;
25
26
27
             fast = fast.next;
28
             slow = head;
29
             while ( fast != null ) {
30
31
                 slow = slow.next;
32
                 fast = fast.next;
33
34
35
             return slow;
36
         }
37
38
         public static void main(String[] args) {
39
40
             FindLastKIndex findLastKIndex = new FindLastKIndex();
41
             Node head = new Node(0);
42
43
             Node temp = head;
44
             for (int i = 1; i < 6; i++) {
45
                 temp.next = new Node(i);
46
                 temp = temp.next;
47
             }
48
49
             Node result1 = findLastKIndex.findLastKIndex(head, 0);
50
             Node result2 = findLastKIndex.findLastKIndex(head, -1);
51
             Node result3 = findLastKIndex.findLastKIndex(head, 1);
52
             Node result4 = findLastKIndex.findLastKIndex(head, 2);
53
             Node result5 = findLastKIndex.findLastKIndex(head, 5);
54
             Node result6 = findLastKIndex.findLastKIndex(head, 6);
             Node result7 = findLastKIndex.findLastKIndex(head, 7);
55
56
             Node result8 = findLastKIndex.findLastKIndex(head, 8);
57
58
             System.out.println("haha");
59
         }
60
     }
```