```java
 5⊖ /*
 6  *  从头到尾打印链表，用栈来实现
 7  */
 8  public class B3 {
 9⊖     public static class ListNode {
10         int val;
11         ListNode next;
12
13⊖         public ListNode(int val) {
14             this.val = val;
15         }
16     }
17
18⊖     public void printListFromTailToHead(ListNode head) {
19         if(head == null)
20             return ;
21
22         Stack<Integer> stack = new Stack<>();
23         ListNode tmp = head;
24
25         while (tmp != null) {
26             stack.add(tmp.val);
27             tmp = tmp.next;
28         }
29
30         while (!stack.isEmpty()) {
31             System.out.println(stack.pop());
32         }
33     }
34⊖     public static void main(String [] args) {
35         ListNode head = new ListNode(1);
36         ListNode L1 = new ListNode(2);
37         ListNode L2 = new ListNode(8);
38         ListNode L3 = new ListNode(9);
39         head.next = L1;
40         L1.next = L2;
41         L2.next = L3;
42         L3.next = null;
43         new B3().printListFromTailToHead(head);
44     }
45 }
```