

```

1.  /**
2.   * Definition for singly-linked list.
3.   * class ListNode {
4.   *     public int val;
5.   *     public ListNode next;
6.   *     ListNode(int x) { val = x; next = null; }
7.   * }
8.   */
9.  public class Solution {
10.     public ListNode mergeTwoLists(ListNode h1, ListNode h2) {
11.         ListNode dummy=new ListNode(-1);
12.         ListNode p1=h1;
13.         ListNode p2=h2;
14.         ListNode p3=dummy;
15.
16.         while(p1!=null && p2!=null){
17.             if(p1.val<p2.val){
18.                 p3.next=p1;
19.                 p1=p1.next;
20.             }
21.             else{
22.                 p3.next=p2;
23.                 p2=p2.next;
24.             }
25.             p3=p3.next;
26.         }
27.
28.         while(p1!=null){
29.             p3.next=p1;
30.             p1=p1.next;
31.             p3=p3.next;
32.         }
33.
34.         while(p2!=null){
35.             p3.next=p2;
36.             p2=p2.next;
37.             p3=p3.next;
38.         }
39.
40.         return dummy.next;
41.
42.
43.     }
44. }

```

Problem Link: [merge-two-sorted-lists- InterviewBit](#)

Tutorial Link: [Merge-two-sorted-List Apna College](#)