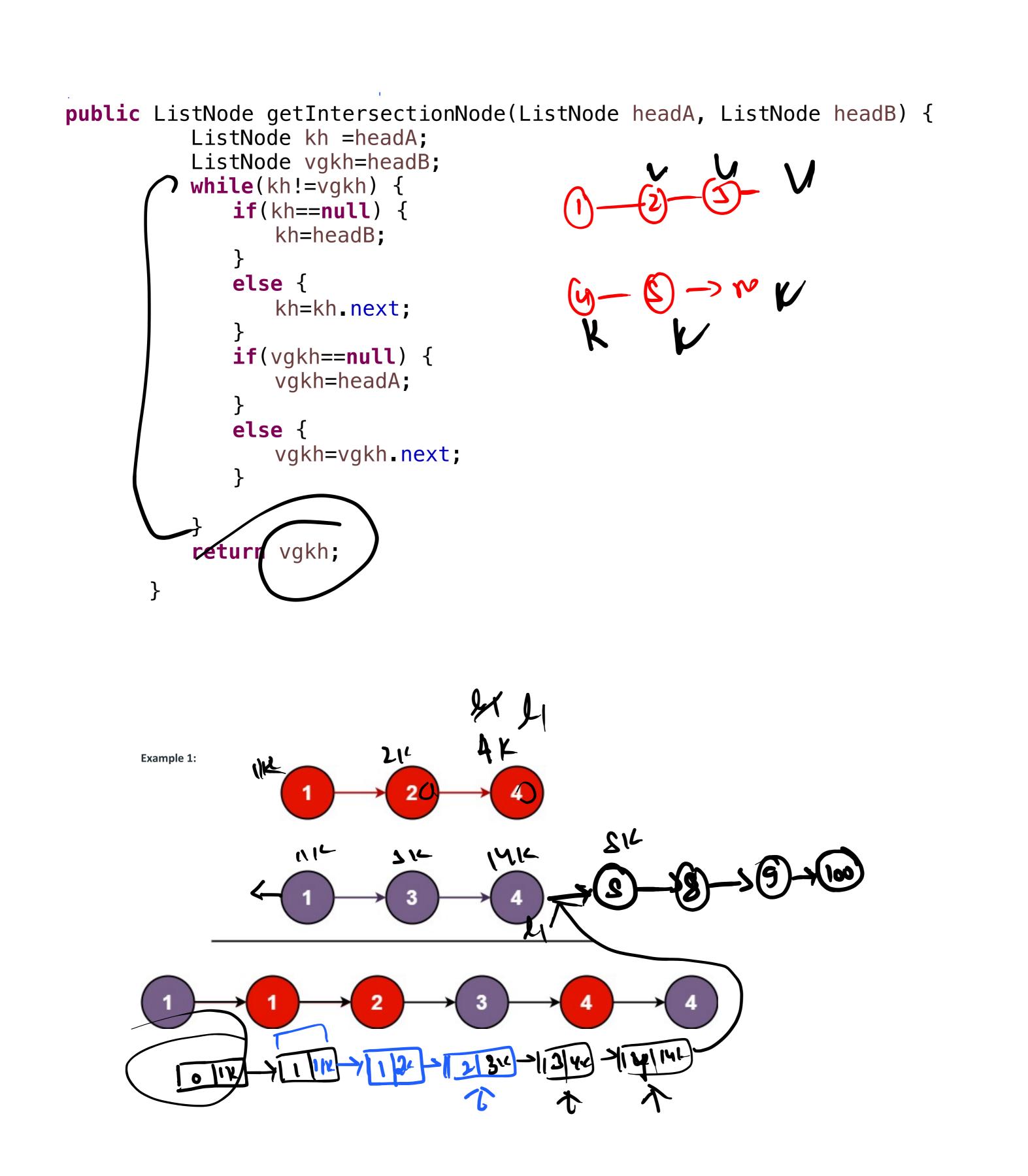


8 1cm



```
public ListNode mergeTwoLists(ListNode list1, ListNode list2) {
  ListNode Dummy = new ListNode();
Mhile(list1!=null && list2!=null) {
    f(list1.val<list2.val) {</pre>
                                   114
        Dummy.next=list1;
        Dummy=Dummy.next;
         list1=list1.next;
     else {
                                         12
        Dummy_next=list2;
        Dummy=Dummy.next;
         list2=list2.next;
                               0/1/1
 7if(list1==null) {
     Dummy_next=list2;
  if(list2==null) {
     Dummy.next=list1;
```