Our Solution(s) Run Code

Solution 1 Solution 2

```java
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class Program {
  public static class LinkedList {
    int value;
    LinkedList next;

    LinkedList(int value) {
      this.value = value;
      this.next = null;
    }
  }

  // O(n + m) time | O(n + m) space - where n is the number of nodes
  // Linked List and m is the number of nodes in the second Linked Lis
  public static LinkedList mergeLinkedLists(LinkedList headOne, Linked
    recursiveMerge(headOne, headTwo, null);
    return headOne.value < headTwo.value ? headOne : headTwo;
  }

  public static void recursiveMerge(LinkedList p1, LinkedList p2, Link
    if (p1 == null) {
      p1Prev.next = p2;
      return;
    }
    if (p2 == null) return;

    if (p1.value < p2.value) {
      recursiveMerge(p1.next, p2, p1);
    } else {
      if (p1Prev != null) p1Prev.next = p2;
      LinkedList newP2 = p2.next;
      p2.next = p1;
```

Your Solutions Run Code

Solution 1 Solution 2 Solution 3

```java
import java.util.*;

class Program {
  // This is an input class. Do not edit.
  public static class LinkedList {
    int value;
    LinkedList next;

    LinkedList(int value) {
      this.value = value;
      this.next = null;
    }
  }

  public static LinkedList mergeLinkedLists(LinkedList headOne, Linked
    // Write your code here.
    return null;
  }
}
```

Our Tests

Custom Output Submit Code

Run or submit code when you're ready.