AlgoExpert   Quad Layout   C#   14px   Sublime   Monokai   00:00:

Our Solution(s)   Run Code

Solution 1   Solution 2

```csharp
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public class Program {
  public class LinkedList {
    public int value;
    public LinkedList next;

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

  // O(n + m) time | O(1) space - where n is the number of nodes in t
  // Linked List and m is the number of nodes in the second Linked Li…
  public static LinkedList mergeLinkedLists(LinkedList headOne, Linked
    LinkedList p1 = headOne;
    LinkedList p1Prev = null;
    LinkedList p2 = headTwo;
    while (p1 != null && p2 != null) {
      if (p1.value < p2.value) {
        p1Prev = p1;
        p1 = p1.next;
      } else {
        if (p1Prev != null)
          p1Prev.next = p2;
        p1Prev = p2;
        p2 = p2.next;
        p1Prev.next = p1;
      }
    }
    if (p1 == null)
      p1Prev.next = p2;
```

Your Solutions   Run Code

Solution 1   Solution 2   Solution 3

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

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

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

Our Tests

[illegible]

Custom Output   Submit Code

```
  }

  public TestLinkedList addMany(List<int> values) {
    TestLinkedList current = this;
    while (current.next != null) {
      current = (TestLinkedList) current.next;
    }
    foreach (int value in values) {
      current.next = new TestLinkedList(value);
      current = (TestLinkedList) current.next;
    }
    return this;
  }

  public List<int> getNodesInArray() {
```

Run or submit code when you're ready.