Solution 1

```csharp
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public class Program {
  // O(n) time | O(1) space
  public static void RemoveKthNodeFromEnd(LinkedList head, int k) {
    int counter = 1;
    LinkedList first = head;
    LinkedList second = head;
    while (counter <= k) {
      second = second.Next;
      counter++;
    }
    if (second == null) {
      head.Value = head.Next.Value;
      head.Next = head.Next.Next;
      return;
    }
    while (second.Next != null) {
      second = second.Next;
      first = first.Next;
    }
    first.Next = first.Next.Next;
  }

  public class LinkedList {
    public int Value;
    public LinkedList Next = null;

    public LinkedList(int value) {
      this.Value = value;
    }
  }
}
```

Solution 1   Solution 2   Solution 3

```csharp
public class Program {
  public static void RemoveKthNodeFromEnd(LinkedList head, int k) {
    // Write your code here.
  }

  public class LinkedList {
    public int Value;
    public LinkedList Next = null;

    public LinkedList(int value) {
      this.Value = value;
    }
  }
}
```

Custom Output   Raw Output   Submit Code

```csharp
public class Program {
  public static void RemoveKthNodeFromEnd(LinkedList head, int k) {


  public LinkedList(int value) {
```

Run or submit code when you're ready.