Prompt   Scratchpad   Our Solution(s)   Video Explanation   Run Code

Solution 1

```go
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package main

type LinkedList struct {
  Value int
  Next  *LinkedList
}

// O(n) time | O(1) space
func FindLoop(head *LinkedList) *LinkedList {
  first := head.Next
  second := first.Next
  for first != second {
    first, second = first.Next, second.Next.Next
  }
  first = head
  for first != second {
    first = first.Next
    second = second.Next
  }
  return first
}
```