Implement a Linked List - SOLUTION

Problem Statement

Implement a Linked List by using a Node class object. Show how you would implement a Singly Linked List *and* a Doubly Linked List!

Solution

Since this is asking the same thing as the implementation lectures, please refer to those video lectures and notes for a full explanation. The code from those lectures is displayed below:

Singly Linked List

```
In [1]: class LinkedListNode(object):
    def __init__(self,value):
        self.value = value
        self.nextnode = None

In [2]: a = LinkedListNode(1)
    b = LinkedListNode(2)
    c = LinkedListNode(3)

In [3]: a.nextnode = b
    b.nextnode = c
```

Doubly Linked List

c.prev_node = b

Good Job!