Assignment 5 Memo

```java
public MyLinkedList isPalindrome()
{
   MyLinkedList rlist= new MyLinkedList();
   StackAsMyLinkedList s = new StackAsMyLinkedList();
   QueueAsMyLinkedList q = new QueueAsMyLinkedList();
   for(Node ptr=this.head;ptr!=null;ptr=ptr.next)
   {
     String temp = (String)ptr.element;
     for(int i=0;i<temp.length();i++)
      {
       s.push(temp.charAt(i));
       q.enqueue(temp.charAt(i));
      }
      boolean test=false;
      for(int i=0;i<temp.length();i++)
      {
       if(s.pop().equals(q.dequeue()))
        test =true;
       else
        test =false;
      }
      rlist.append(test);
   }

  return rlist;
}
```

```java
MyLinkedList<String> list1 = new MyLinkedList<String>();

list1.append(new String("me"));
list1.append(new String("peep"));
list1.append(new String("Johan"));
list1.append(new String("243342"));

System.out.println(list1.isPalindrome());
```