Assignment 5 2023: Palindrome

You are going to write a method to check which words in a list are Palindromes.

The purpose of this assignment is to:
- *Write a method called isPalindrome() for the MyLinkedList class that use both the linked list implementations of a **stack and a queue** to check if each string stored in the list, is a Palindrome.*
- *Write an implementation (test) class to check a list of words.*

- Remember - a Palindrome reads the same front to back as back to front. Examples: kayak , otto and 123321.

- If the following list of words is checked: ["peep","car","rat","otto"] the program will return the following linked list [true,false,false,true].

- Find attached the MyLinkedList class. Make the following addition in the MyLinkedList class (Please use the given naming conventions):

  A method: public MyLinkedList isPalindrome()

- Write the StackAsMyLinkedList class with:

  - Push(), Pop(), toString()

- Write the QueueAsMyLinked class with:

  - Enqueue(), Dequeue(), toString()

- Write an implementation (test) class to check a list of words.