

# Lab 7

[Re-submit Assignment](#)

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**Due** Monday by 11:59pm      **Points** 10      **Submitting** a file upload

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1. Implementing Queue and Stack with array

## Overview:



1. Implementing your own Stack and Queue (DO NOT USE STL)
  2. Implement a program that reads in a file and check whether each line is a palindrome
- Your code MUST have at least one stack and one queue
  - Ignore spaces/upper lower case/non-alpha characters/punctuation, e.g **Taco Cat** is a palindrome
  - Your console output should look something like this:

**Taco Cat**

**Yes**

**Some other words**

**No**

Use the test file [palindrome.txt](#)  in the attachment as your input and output your palindrome test program to the console. If you wish, you can test yourself against a more difficult file: [hard\\_palindrome.txt](#)  ... this whole file is one big palindrome by Demetri Martin.

In your submission, include all files used along with the console output included as a comment in your main or as images