# California State University, Monterey Bay

# Week 3 – Programming Assignment Stacks and Queues

## Clarence Mitchell

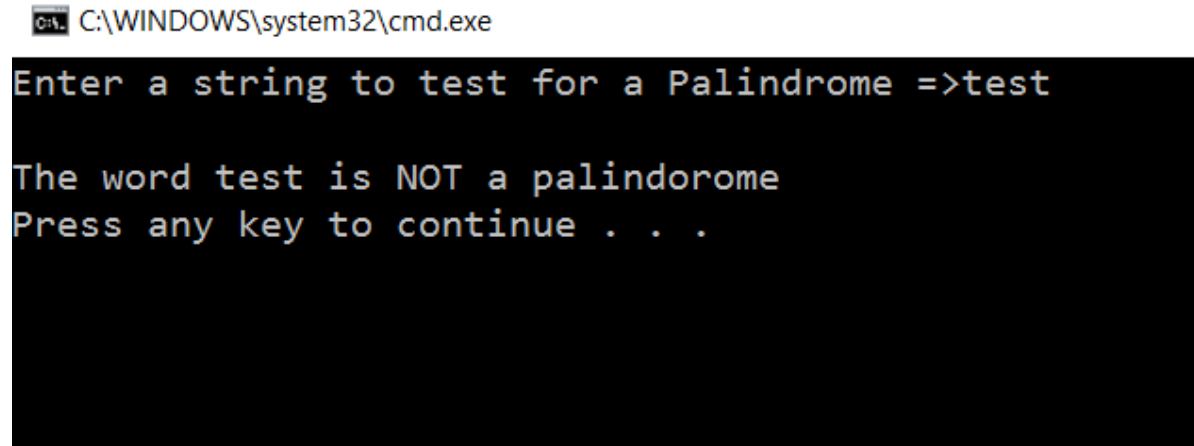*CST370*

*Design and Analysis of Algorithms*

*Spring 2016*

*Instructor: Dr. Seetharam*

## Exercise  Screen Shots

## Test Run 1



**Explanation:**

A run was made using a **Non Palindrome** which resulted a message that it **IS NOT** being displayed

## Test Run 2



**Explanation**

A run was made using a **Palindrome** which resulted a message that it **IS** being displayed

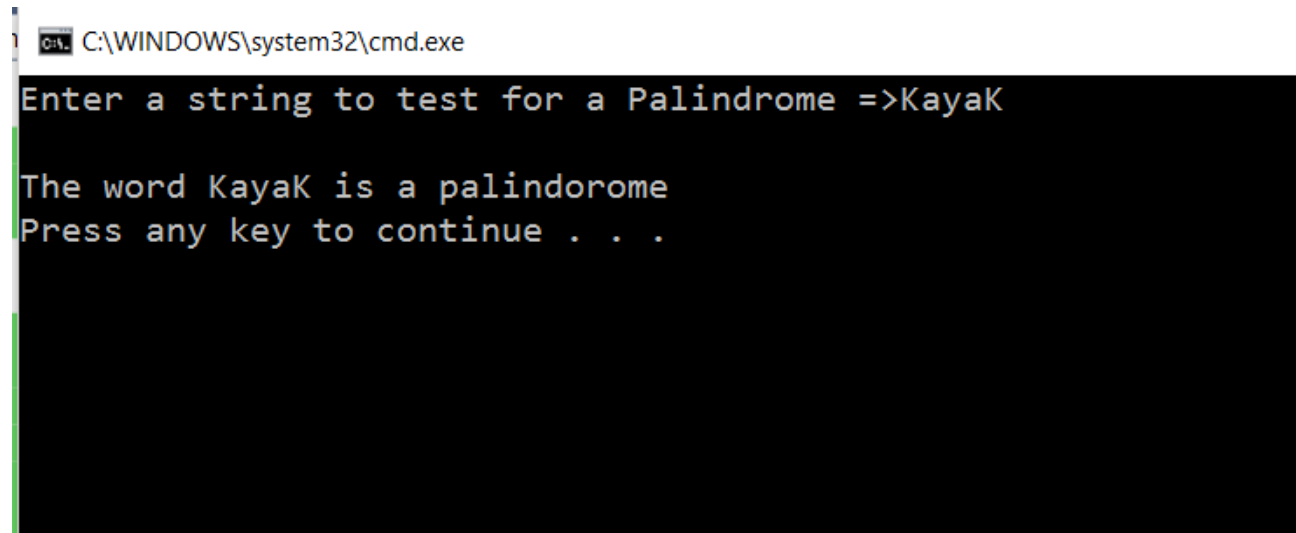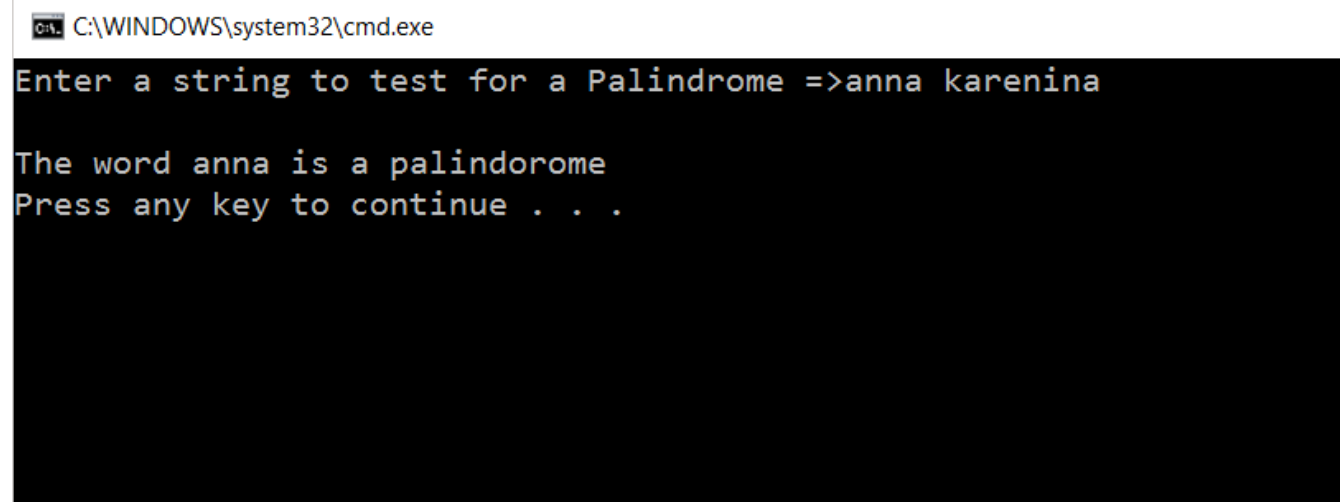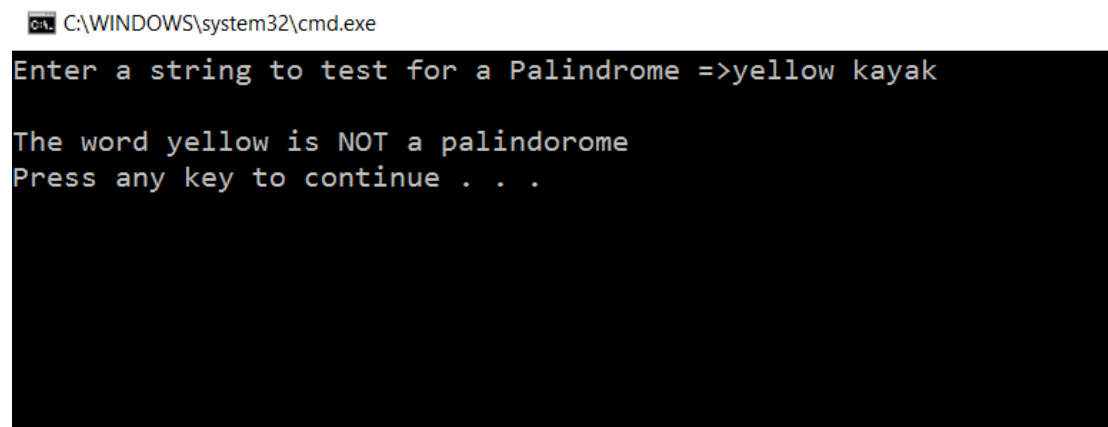## Test Run 3

C:\WINDOWS\system32\cmd.exe

```
Enter a string to test for a Palindrome =>anna karenina

The word anna is a palindorome
Press any key to continue . . .
```

### Explanation

A run was made using a **Palindrome AND NON Palindrome** which resulted a message that it **IS** being displayed and the rest ignored

## Test Run 4

C:\WINDOWS\system32\cmd.exe

```
Enter a string to test for a Palindrome =>yellow kayak

The word yellow is NOT a palindorome
Press any key to continue . . .
```

Explanation

A run was made using a **NON Palindrome AND Palindrome** which resulted a message that it **IS NOT** being displayed and the rest ignored