

Data Structures

# CSCI 2270

Stack, Queue

# Sprint 8

....

## Ready

....

## GO!

# Stack

- ❖ FILO: Array or SLL

- ❖ Push  $\rightarrow O(1)$

- ❖ Pop  $\rightarrow O(1)$

# Queue

- ❖ FIFO: Array or SLL

- ❖ Push  $\rightarrow O(1)$

- ❖ Pop  $\rightarrow O(1)$

# Stack

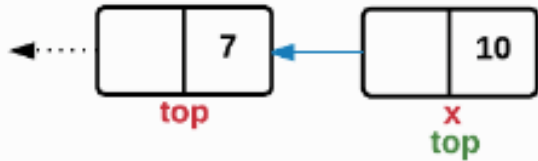
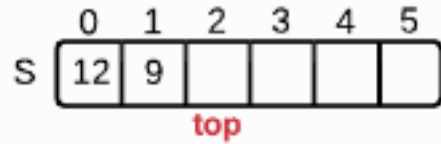


Animal favorite my much  
pretty it's liger A

# Queue

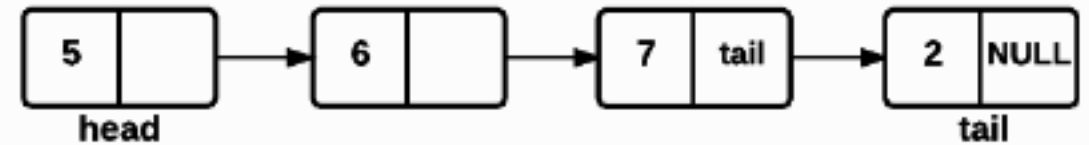
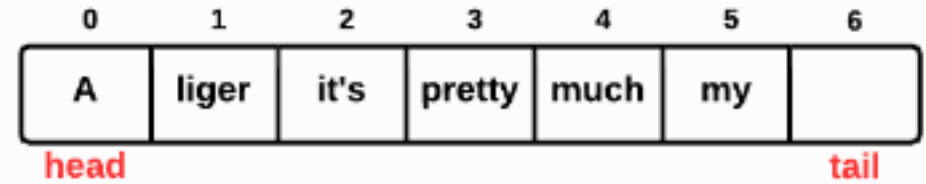
A liger it's pretty much my  
favorite animal

# Stack



Top

# Queue



Head  
Tail

# Lecture Quiz

*Key: banana*