

# Chapter 16

Wednesday, August 2, 2023 9:21 PM

- Stacks and queues
  - Two different ways to do them
    - Array based and linked list based
- Stacks
  - Push, pop, top, topAndPop, isEmpty, makeEmpty
- Stack basics with array
  - Tos is Top of Stack integer index
  - Stacks can push and pop
- Stack using a Linked List
  - Same thing but is worse on memory and you never have to double the array size
- Queue
  - Using an array
    - A queue is just a line