

Unit 6: Stacks & Queues

Outline:

- Introduction to Stacks
- Array Implementation of Stacks
- Linked list Implementation of Stacks
- Introduction to Queues
- Array Implementation of Queues
 - using a circular array
- Linked list Implementation of Queues

References:

- Gaddis: Sections 18.1-2, 18.4-5.

Practice Problems:

- Gaddis, Chapter 18, Programming Challenges:
 - 6 Dynamic String Stack. Do a Dynamic String Queue as well. Use a linked list.
 - 9 File Reverser
 - 10 File Filter
 - 14 Balanced Parentheses ()