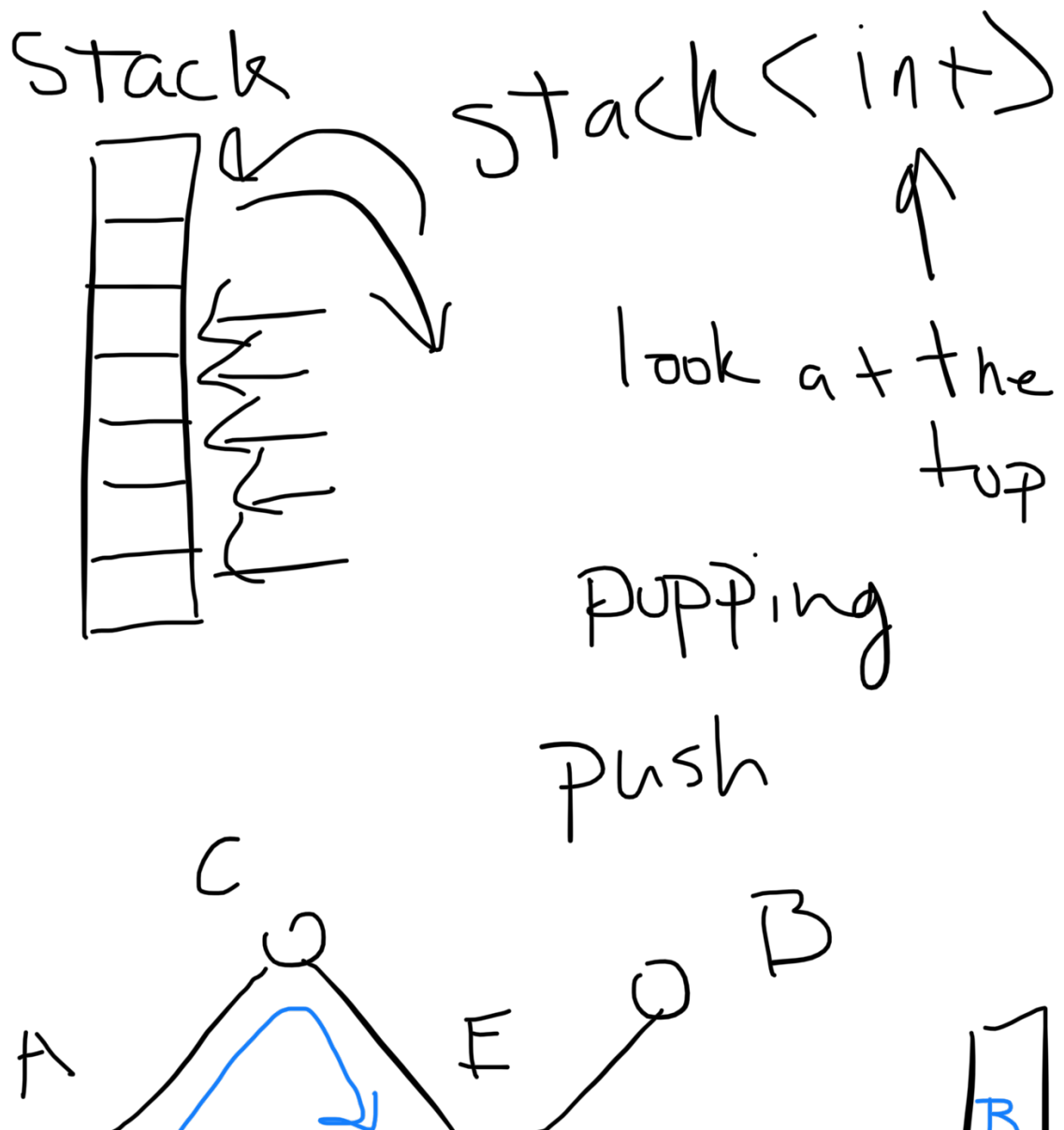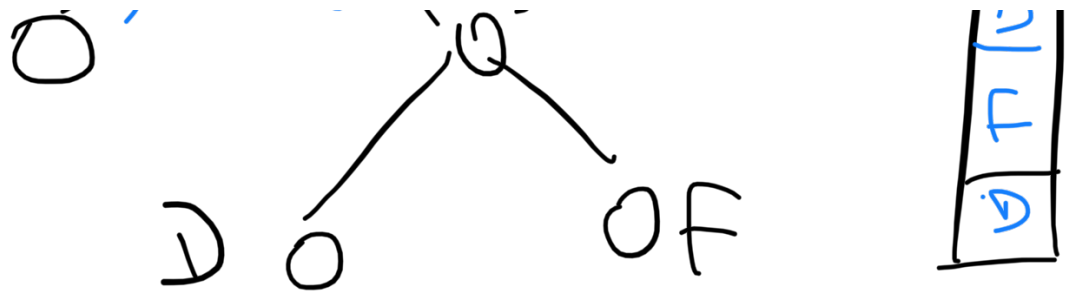# CS32 Week 4 Discussion Notes

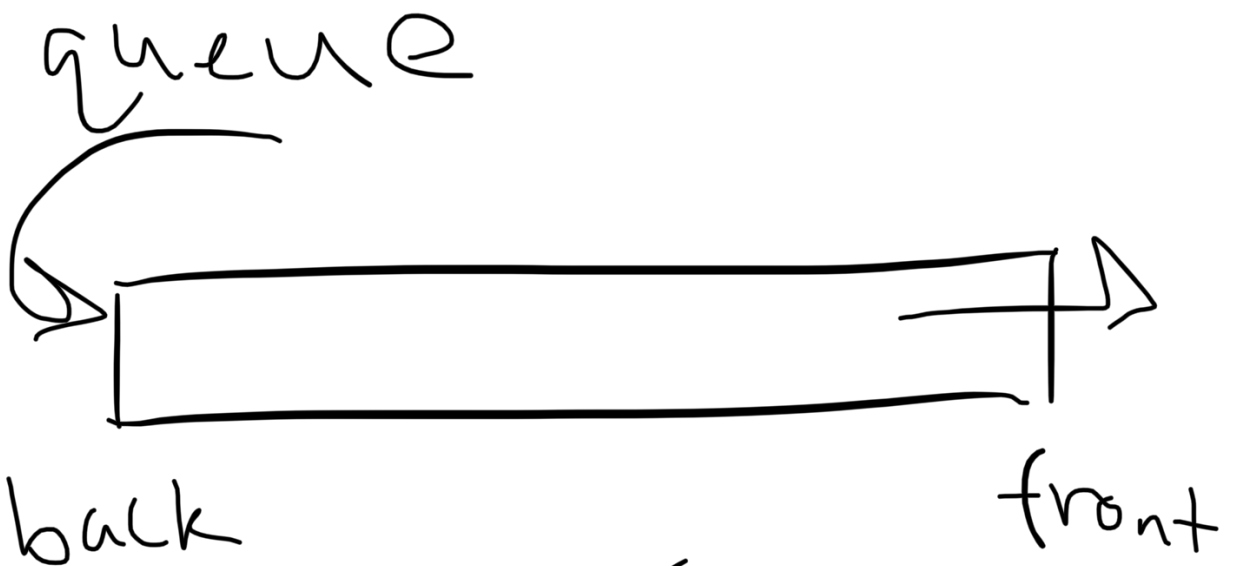- Stacks
  - Depth First Search - DFS
  - POSTFIX evaluation
  - INFIX to POSTFIX
    - Go through pseudocode for Homework 2
    - (3 + 4) + 2 * 5
  - Stack frames and function calls
- Queues
  - Breadth first search

Stack

stack<int>

look at the
top

popping

push

O   Q   FI
                             G
D O   OF

First in Last out
Last in first out
LIFO

queue

back   front

First in first out
FIFO

look at the front
push onto a queue
pop ot the front

q