

CS2100 - Queues

Note Title

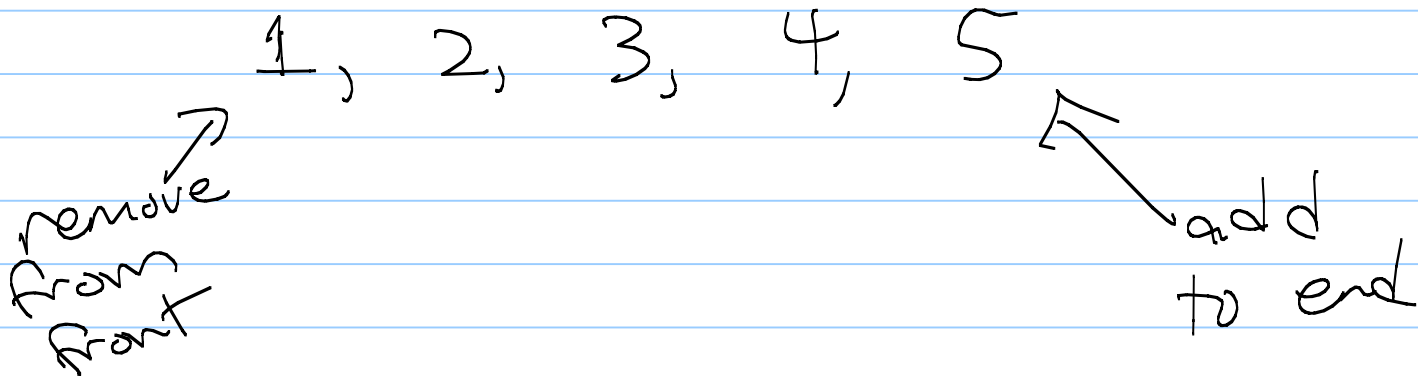
2/8/2016

- Lab tomorrow
- HW 3 is due tomorrow
- Office hours : 10am today & tomorrow

Last time

Queues:

Simple data structure



2 Ways

- arrays (done - just need to test)

- linked: started last time

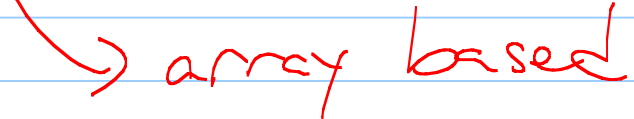
Runtimes for Queues:

Other way: $O(1)$ for push, pop,
and front

Only housekeeping is $O(n)$

Next time: Vectors

- More like lists in python

- Full functionality:  array based
see STL overview

