CS2100 - Queues

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

Queues:

Simple data structure

1, 2, 3, 4, 5

Remove from front

Add to end
2 Ways
- arrays (done - just need to test)
- linked: started last time
Runtimes for Queues:

Either 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