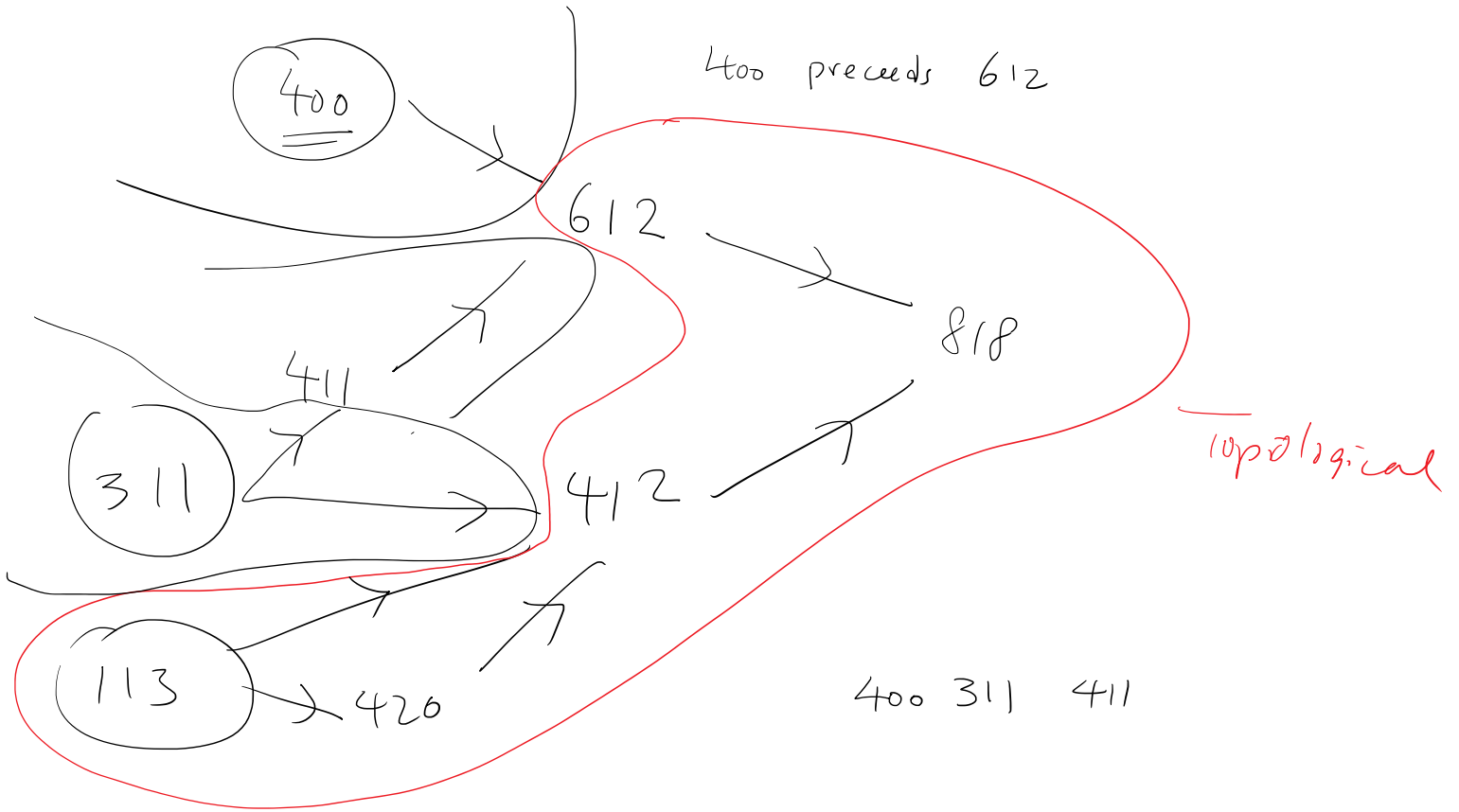


9-14-2016

Wednesday, September 14, 2016 6:43 PM



priority

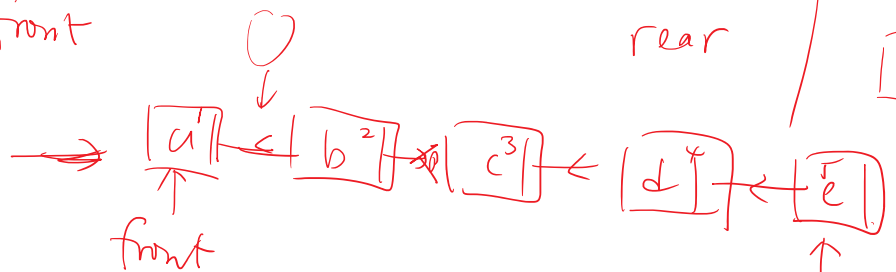
Queue

FIFO

a b c d e

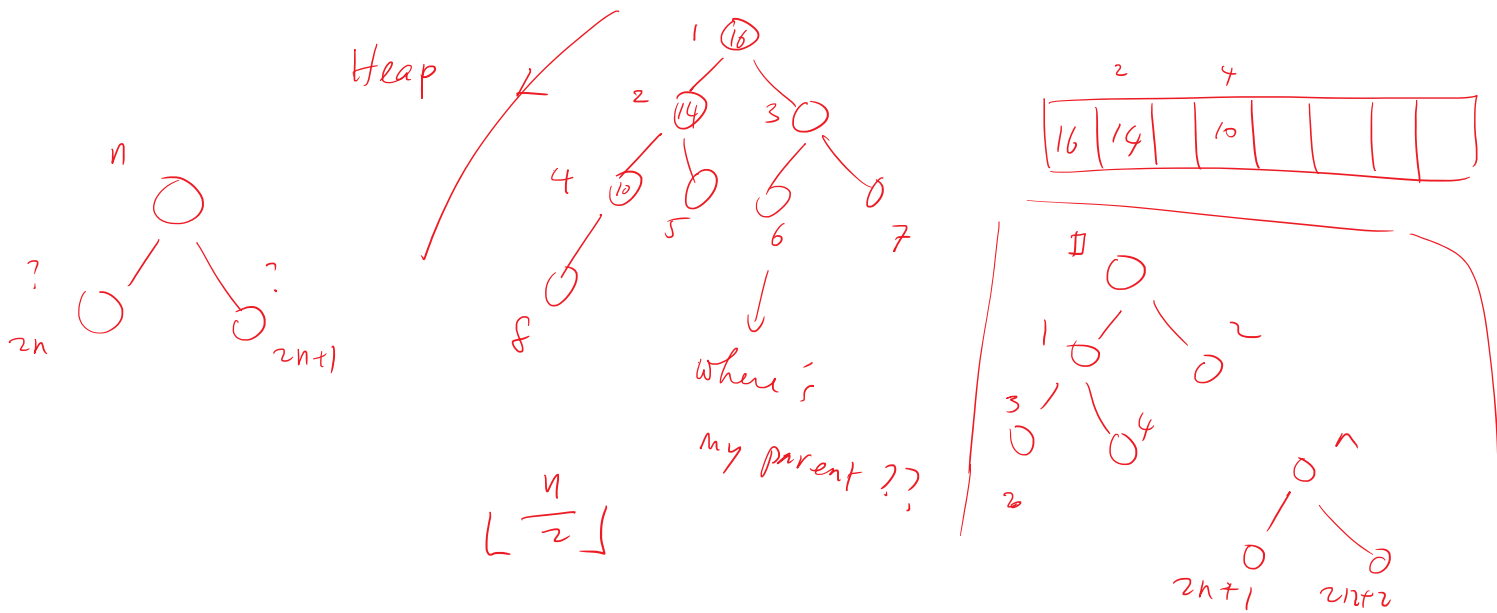
front

rear

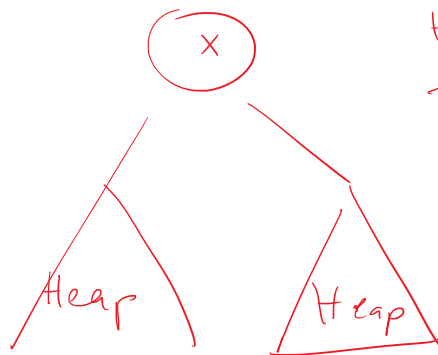
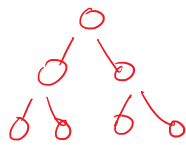


Priority Queue

may use "Heap" to implement



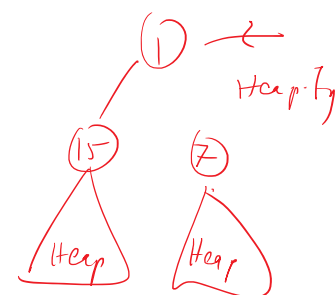
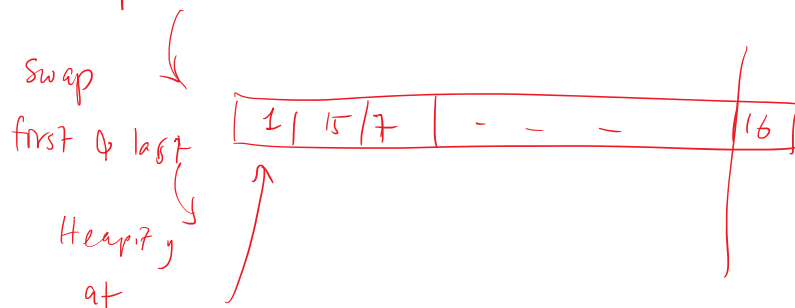
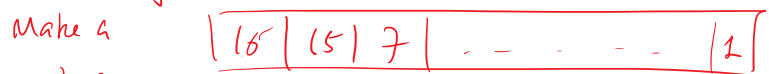
Heapify
Complete binary tree



Heapify



Heap Sort



1.1

↳ Complete binary tree of n nodes

height $= \sim \lg_2 n$?

$$2^h = n$$