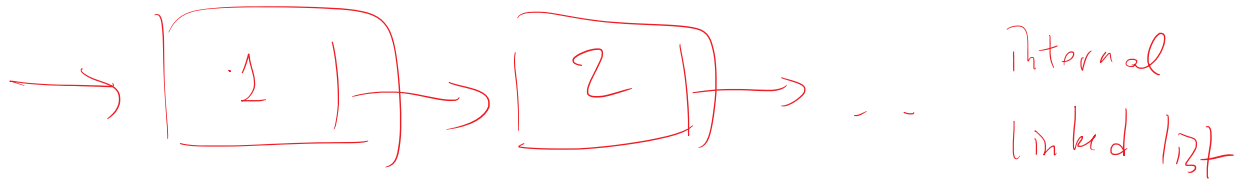
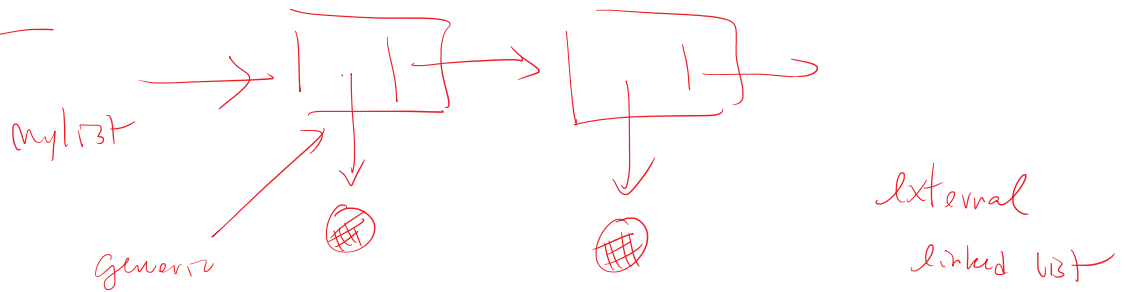
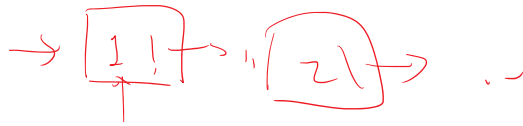


HW 1: -



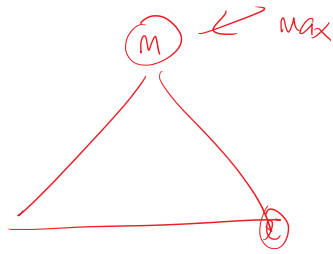
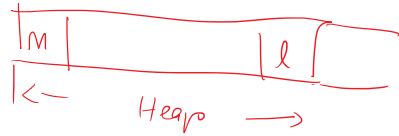
* requirement: -



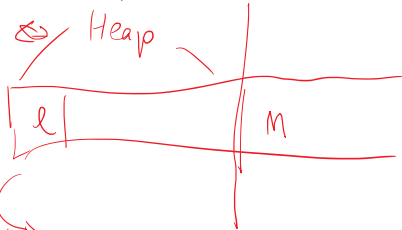
Heap Sort ($A[1, \dots, n]$)

$O(n)$ 2 Build a Heap

Time
(Power Analysis)

$$\sim n \lg n$$

$$n > 2$$


not a
Heap

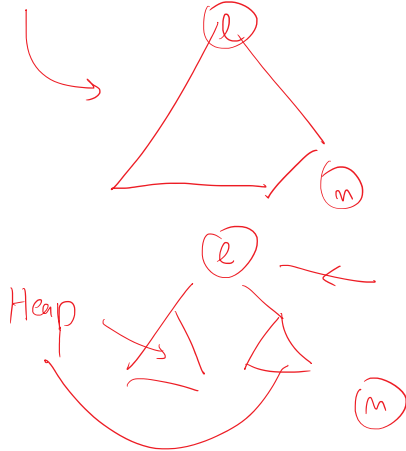


Heapify here

Heap Sort

13 $O(n \lg n)$

1 Dec.



Ad. 1

Queal

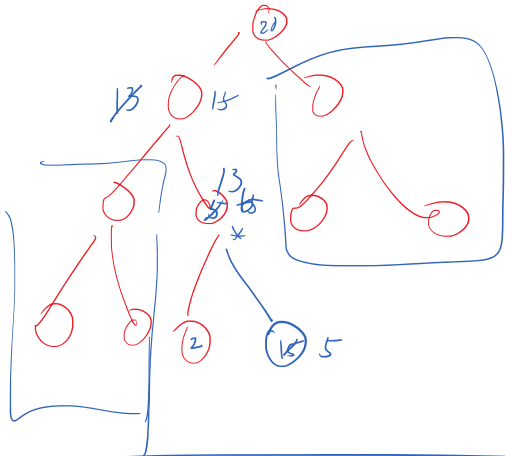
En queue
+

degreene
remove

Priority Queue



Insert

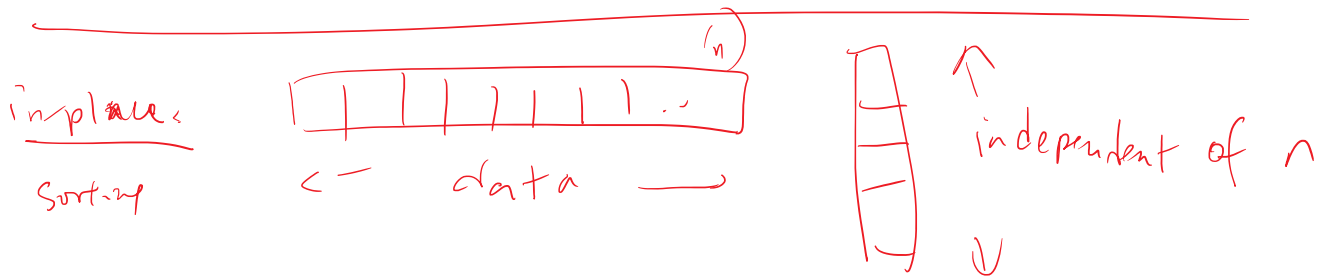
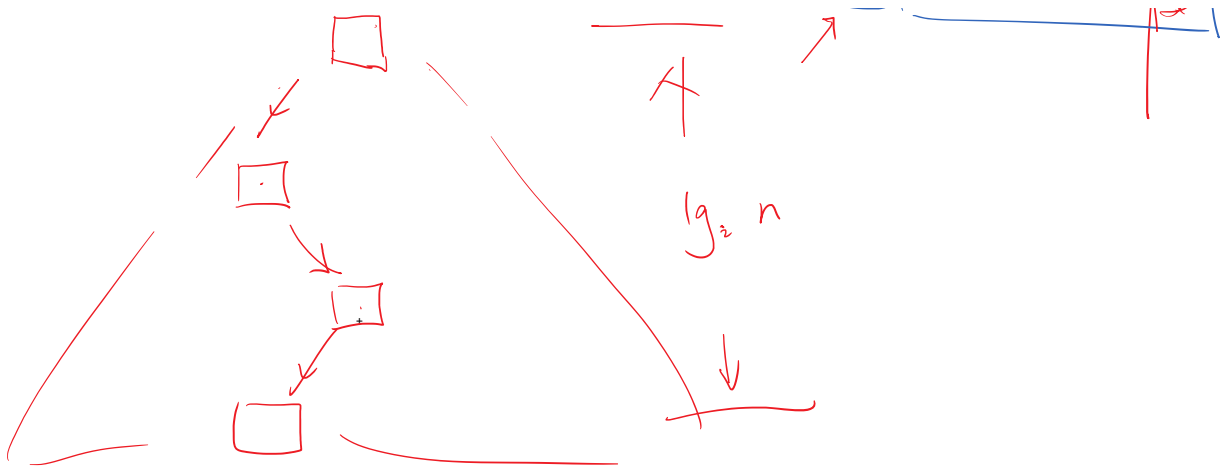


↳ Is this
a heap?

degree from a PQ

highest priority





Stack
Sorting

