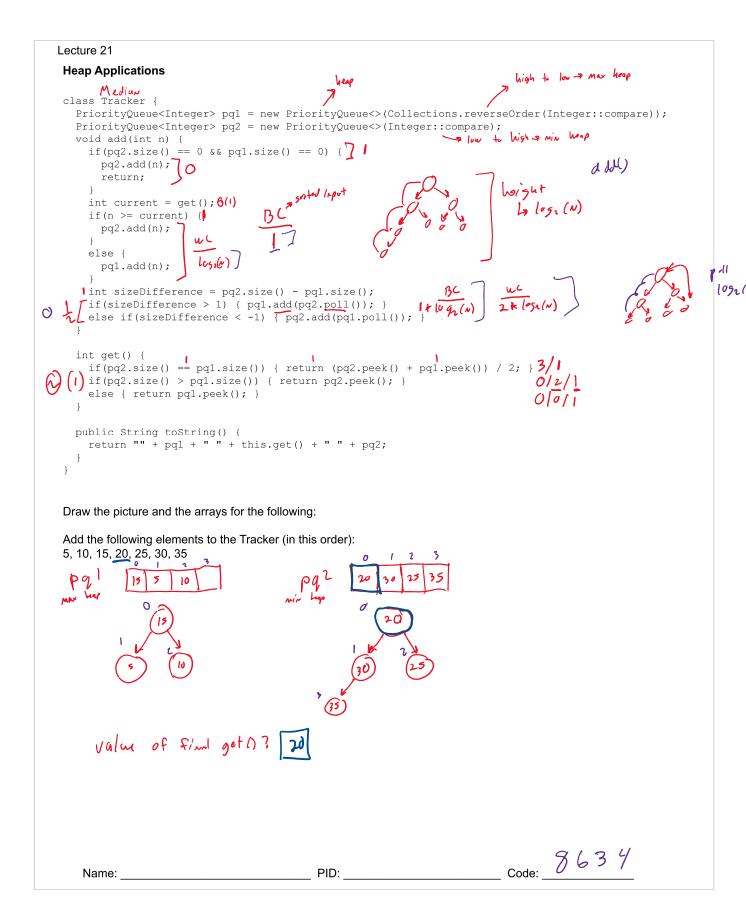
CSE12 - Lecture 21

Wednesday, November 22, 2023 8:00 A

PA7 and PA5 Late/Resubmit - slip day - due Thursday @ 8am No class on Friday - holiday PA8 released today Discussion - tonight is on Zoom only - see Piazza post for link



What is the result of the call to get() after adding all the elements? 20
What is the run-time for the tracker?
(Vitatis the fair time for the trackers and () get() (Worst Case (2) () ()
Worst Case $O(\log_2(n))$ Best Case: $O(1)$
land early to both side
Write a method to use the tracker:
int find Number (Integer [] am) 9
Median Tracks tracker = New
for (int 1=0; 12 arrilenski) it+) ?
int find Number (In teser LI arr)? Median Tracks tracker = new for (int i=0; ic arr, lanski, it+)? tracks. add (antil);] loss (N) N * loss (N) return tracker, get();
5
return trucker, get();
3
What is the total run-time using the tracker:
N + 1=50(~)
Using a PriorityQueue, write a Heap Sort method to perform an in-place sort of an array: