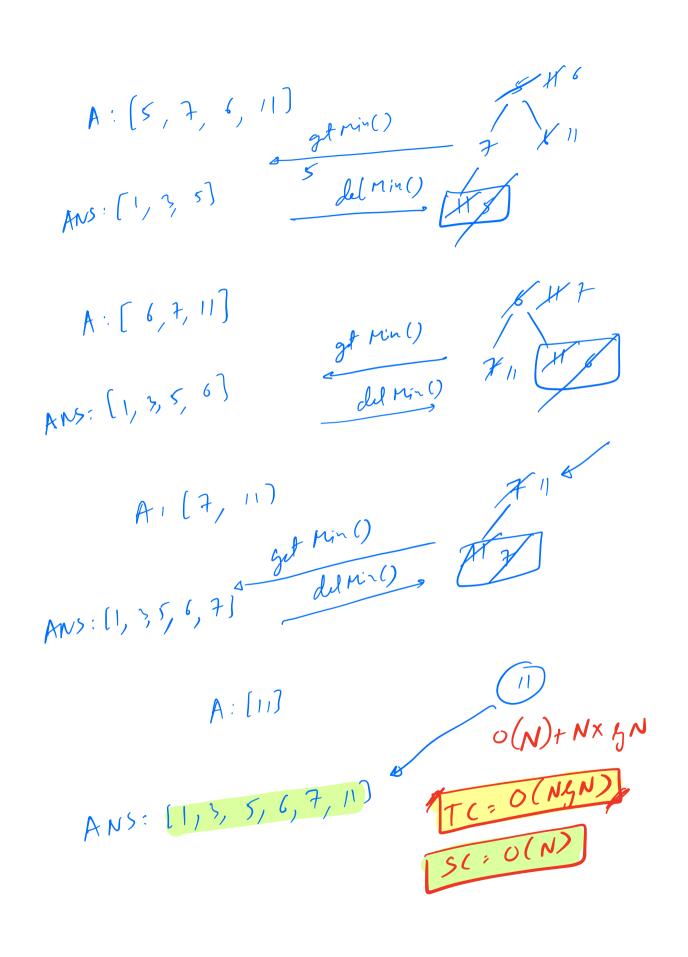
I Given a man-hop. Con you delet the MAX clement? A: [16, 8, 5, 6, 2, 4, 1, 1,] 1) Swap (A(0), A(A.size()-1)) -> O(1) 2) A. pop-bak(); - O(4N) 3) hopify (0); T(:0(4N)



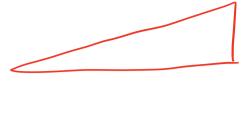
Coset a MAX hop AI [11, 3, 1,2,3, 6] MAX hop. A: [11,5,6,2,3,1] N: A. size() A: [W, 9, 6, 2, 7, 1]

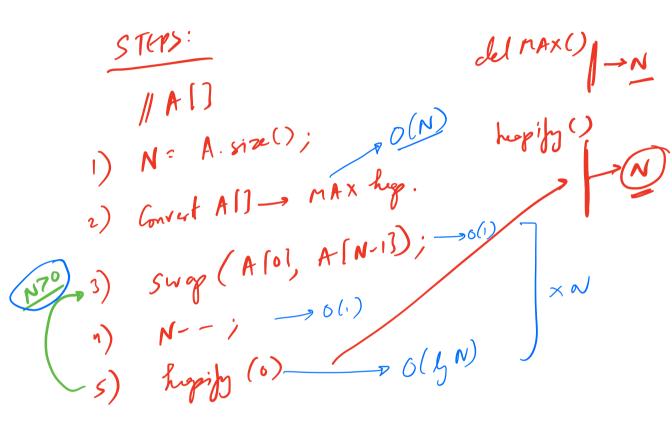
Y 3

PAT &

PAT & A: (1, 3, 6, 2 / 11)

A: (1, 3, 6, 2 / 11) A: [6,3,1,2,2,1]





T(: N+ N x y N

T(: 0(Ny N))

S(: 0(1))

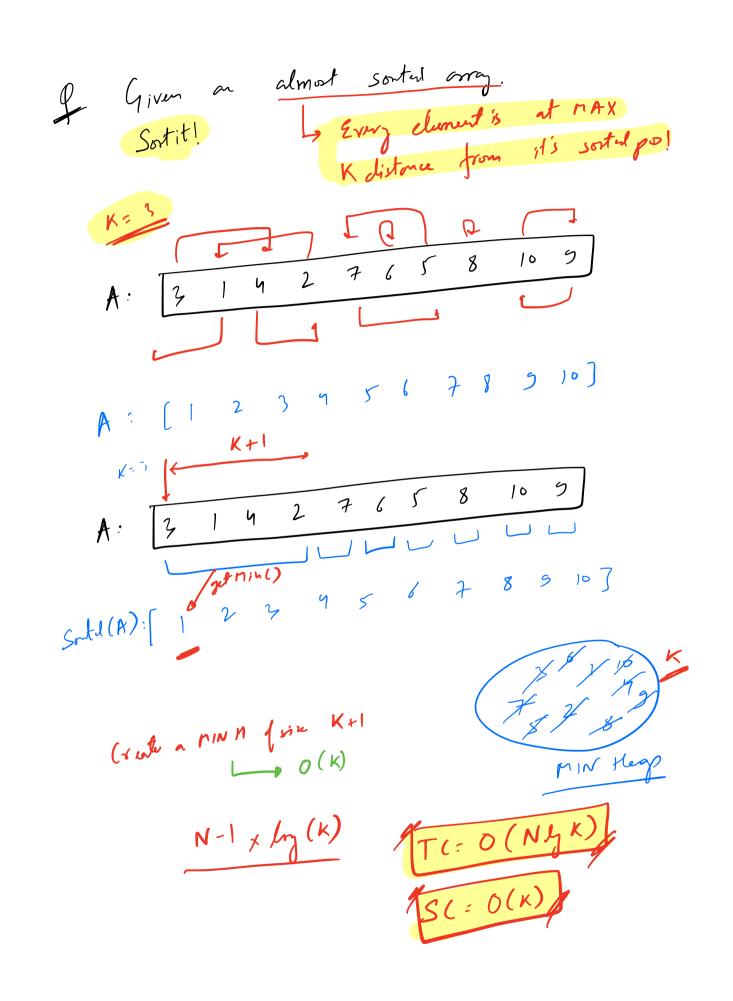
I Given a storen of integers.

At any point, give the largest (Belements) till that point! top K [100] 100 [10, 120] +120 [10, 120, 80] + 80 [18, 120, 80] [100, 120, 200] [300, 120, 2007 + 200 +300

MAINTAIN A MINHEAP if (MM. sin() LK) 9
MM. irsent(n); 6 if (MM. getMin() (M)

mm. del min();

MM. insub(n); ret MM[]; MN. 812 () world always NOTE:

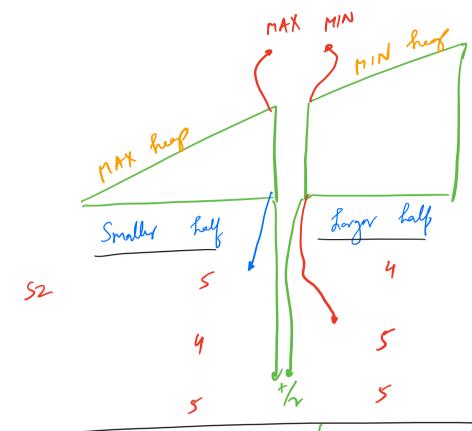


Given a storm of jutigers.

Find the median at every point! ODD EVEN +10 [10] 10 120 (10,20) 10 +1 (1,10,20) 8.5 +7 [1,7,10,20]

+11 [1, t, 10, 11, 20)

10



	MAX	MIN _	MEDIAN
(+ ₁₀)	10		10
+		20	15
1	10	20	10

