	Algo	0) Stored on arrays b/c of mouth	10/17 7
	heap review	1) Largest on top (Parent > Descendents)	
	\	2) Complete	
Marky decision (PA NOVI 2 No Preside Construction		3) Binary	
	Insert	eg. 43, 18, 22, a, 21, 6, 8, 56, 42	per .
	,	(56)	
		8 4795 22	
		(H) (8) (8) (8)	
		(a) (1) O(log n)	
	Desete Largest		valve
		2) Start From root (new value)	
	•	3) While curred node's children > current node, swap	Largest child
		O(log n)	3
	Finding value	O(n) - must search everything	
	Breeking abstraction	"Specializing data structure" to accompande bad alg	orithm
uch Curhal worker soft Person Profession Curayan			
		20	
		<u> </u>	
		·	
	AVL Tree	> Try to address unbalanced issue of Binary Search Trees	, , ,
	\		
	Any Complete Tree	(43) Level-by-Level traversal	
	as Array	22 32 0 2 3 4 5	
	,	(10) (8) [43] 22 32 10 8	
		$P(i) = \lfloor \frac{(i-1)}{2} \rfloor$	
		LC(i) = 2i+1 } Fresht 2 size, no children	
		RC(i) = 2i+2	