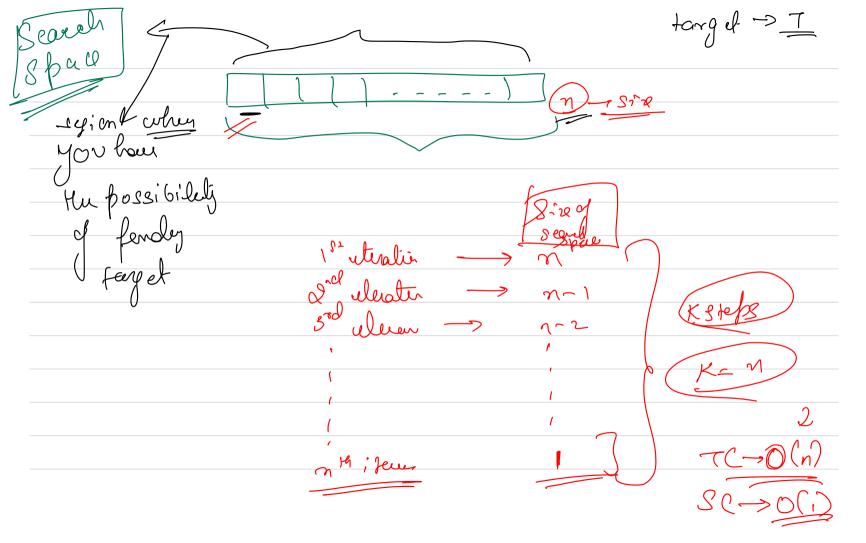
We will start at 7:35

Je auching - It involves, some set of clements & a tauget that we want to search. Linear Scauch -> Consider you have a list of numbers, and you have to scarch for a target It says iterate one by one on all the clements, & if the curret elements is equal to the target, oction to index of cure element.

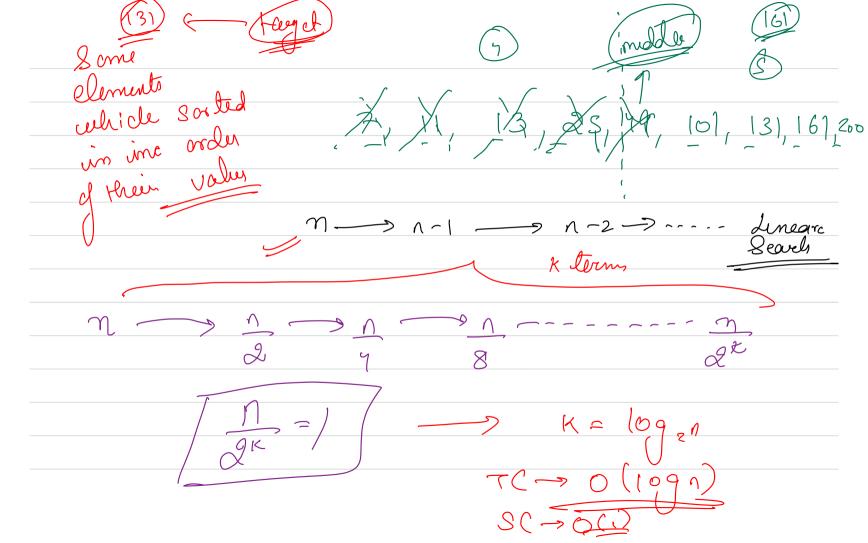


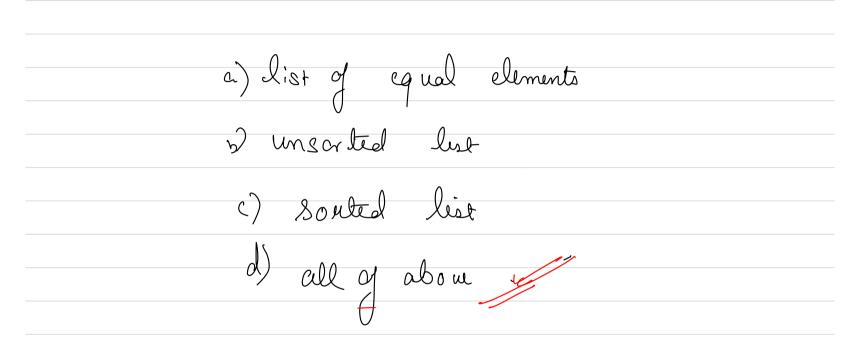
Worst case scenario -> when you don't ever have me element present or me element can be at last enden -> TC-> O(n) Best Case Scenario -> element is present of on

(2,2,2,2)		
	a) list of equal elements	7
(3) 0(7)	2) unscrited list	Search we
	c) Souted list	don't care
) about m permulale
	d) all of about	d lest.
		U ·

all t	he wor	ds uel	li 8	far fory	Characti lenli	greater m

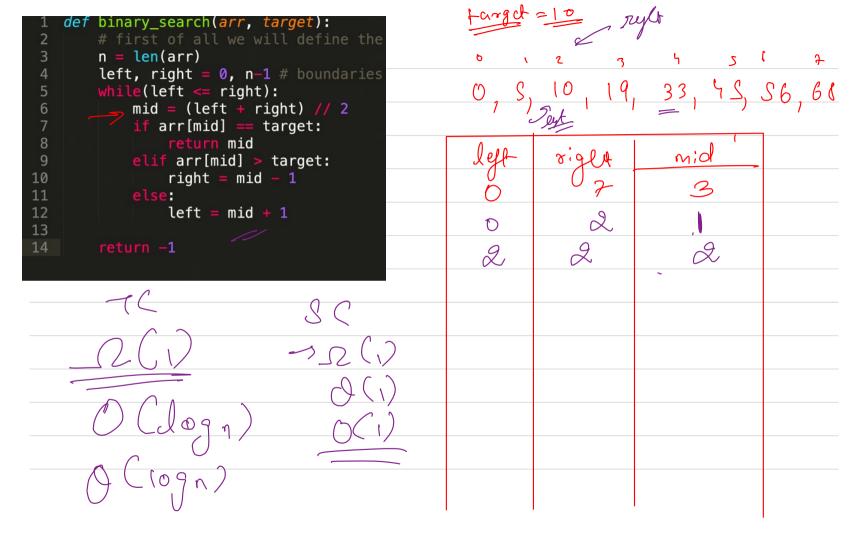
May be me can also arrange date in a skerger manner Binary Scarch



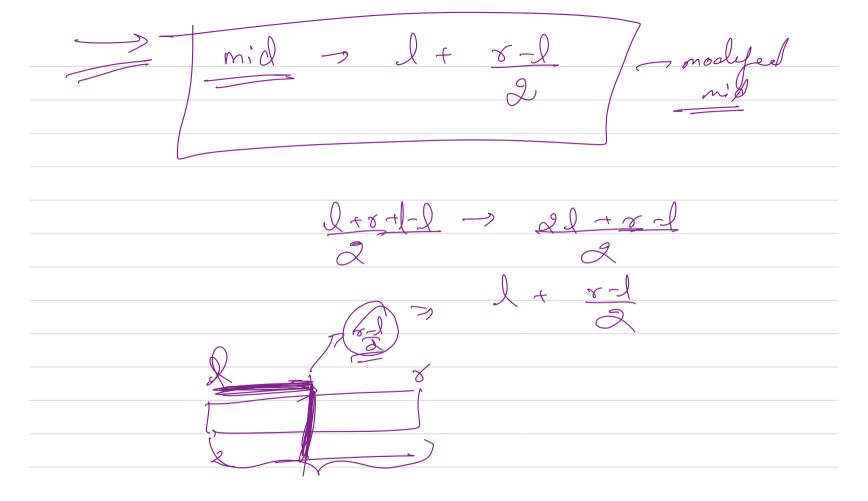


Binary Search Can be applied in all those search condition when ue con duide the Search 8-pale into 2 parts are distinguishable Such that the 2 fants Cased on Some property

summerted bet 3,6,8,10,15,0,1,2 unsorted = from & scrited lest which ha sorated. heen X-12, 3, 6, 8, 10, 18, 6 @ × (3,6,8,10,15,0,1 3,6,8,10/15/011,2



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Binary Seauch on sorted rotated n 1 serter subh a (stort) < a [mid]

