5 earching

-) It is a process of finding a given value at a position in a list

Ollnear Search

-> Basic/Simple Search Mgorithm

-> Sequential search where we compare the value we have tangeted with the other values of the array from start to end

eg. [18, 12, 19, 77) 29, 50] Unsorted Arphy

larget = 77

-> Sequential Comparision is done with all the elements till me get our taget element.

-) If novalue is found, return -1 OR False.

line Complexity .

Best Case: O(1)

There, the Jup will make only I theth intspethie with size of the array.

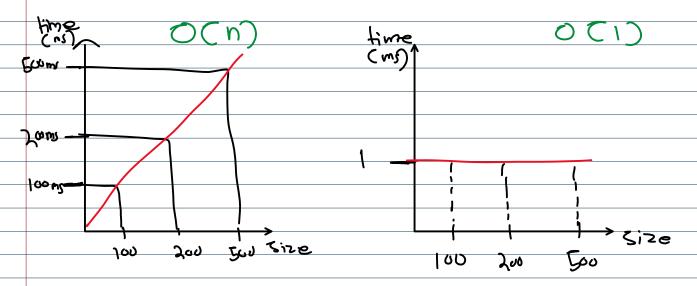
-> Thatis, only I comparision will be taken at max.
-> This means that Hem is found at the oth index.

Worst Case! O Cn)

-) In worst zase, if goes through entire army -8 of the end, the element won't be tund in the array.

Jize of Array | No of Comparisions Jime

Jize of Array	no of comparisions	Time
(00	100	(00 ms
700	790	200 WS
lakh	100000	m oxworl
1	1	



3: Search for 13' in the range of [1,4]

hange Gearh 131 in this

