

Beyond the Basics

ARRAYS & IT'S PROBLEMS



Always remember, beginning is the hardest part.

We go to the GYM because we are weak & we wanted to be strong. We go to Library, because we dont have knowledge & we wanted to gain some. Hence, process of discomfort is part of



Arrays:

- Why we need amay

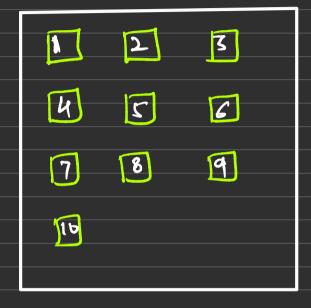
- What is array

- How array is Represent

- 3/A problems

Why we need Array

Siddhes.



class

$$\chi_1 = 10$$
 $\chi_2 = 30$

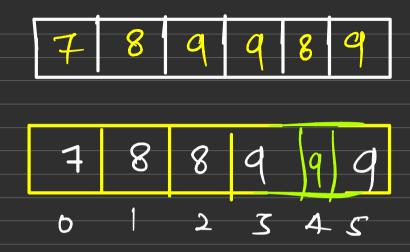
- group of Element

Array: (ollection of Elements of Similar type contiguous memory allocation.



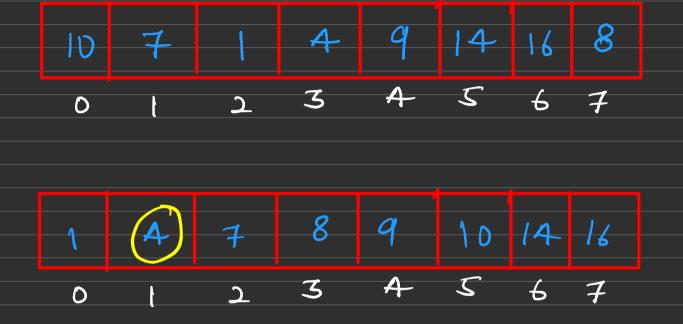
find largest Element from array (Sort: O(N.logN) 0

second largest element?



Second longest
(-1)

* Second Smallest



sort (an)

{or (
$$i=1 : i < n', i++$$
)

}

if (a(i)) = a(i-1)

return a(i)