## 1. Two Sum

Easy ⊘ 🖒 51K 🗘 ∁

Companies

Given an array of integers nums and an integer target, return indices of the two numbers such that they add up to target.

You may assume that each input would have exactly one solution, and you may not use the same element twice.

You can return the answer in any order.

## Example 1:

**Input:** nums = [2,7,11,15], target = 9

**Output:** [0,1]

Explanation: Because nums[0] + nums[1] == 9, we return [0, 1].

Contratos + Distinct), Negarine alement,

Vanants 1 -> Check

2 -> Return indices )

arr[1] (2,7) 11, 15)

7+21 (9) ->

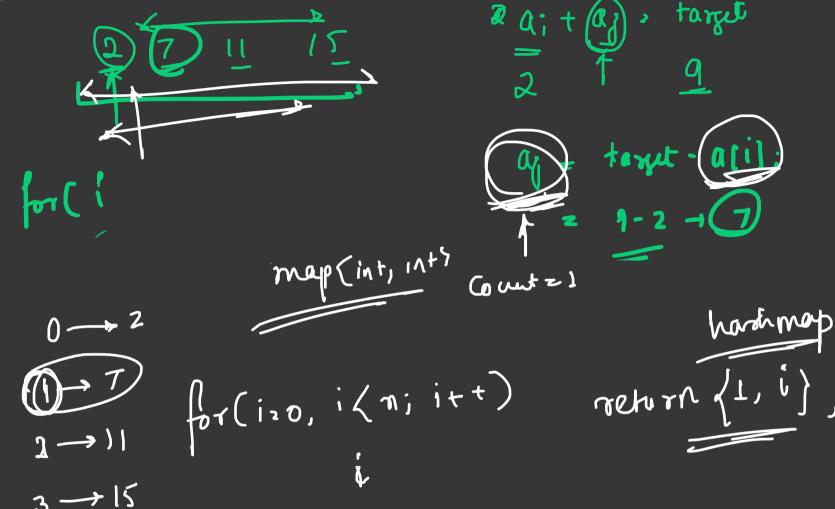
target 2 9

- ou

Bruk fore.

Distinct - Integral

or ( 120; i<n, 1++) for ( jro, j/n; jtt) if (122 j): continue, ferif (avr[ih[arr[i]. Sum) Dels aux. ((1,5)) Better Approau



## Optimal Approach:

$$(2,3) \rightarrow ano$$

## frudocode

low = 0, high = n-1,

while ( low < heger)

if [ & a 72 [ low] tofhigh] = 2 target) return true

ele if ( arr[ low] + arr[high] > target | high -- i

elu low++;

T.c. > b (N)

e-(·: 0(1)

return film

Only to check the the two sum

because sue sor 1 kg

erray so re Index is shifte.