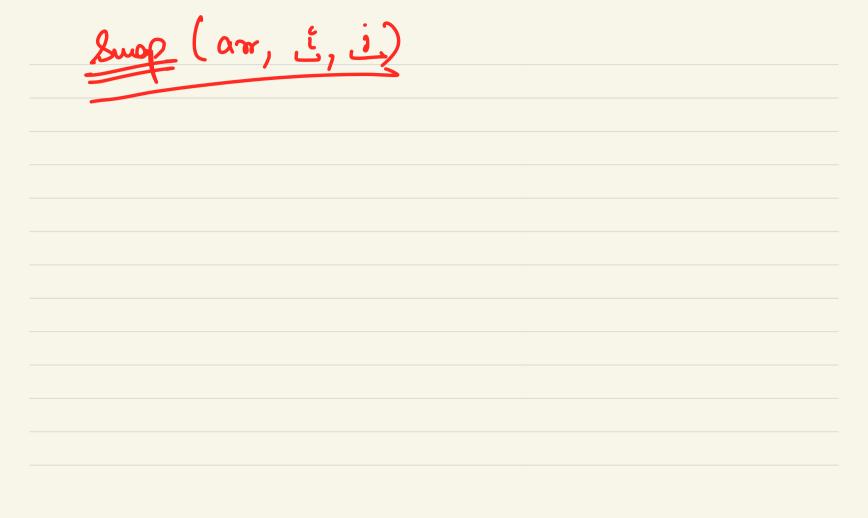
Des Criven an array, write an algorithm b reverse the same array. Nor: You should not create a new array. Ex > [5, 9, 1, 8, 2, 3]

ans, [3,2,8,1,9,5]

1-0-10-1 45 B.f [5, 9, 1, 8, 2, 3]index  $\rightarrow 0$  1 2 3 4 5 i=1 -6-1-1 1-2 0 6-2-1 A.f [3, 2, 8, 1, 9,5] ==6 i=3 - 6-3-142 Before Revensing > element -> inden -> i clement -> index -> n-i-1 After Reversing -> We need to some how move the clements from their original index i to 1-i-1

19,53 3, 2, 8, 1, 9, 5] Clement 5 5 Af 1 9 4 2 1 elements our Swapping their



[3, 2, 8, 1, 9, 5]

while 
$$(i <= i)$$

Swap  $(aw, i, i)$ ;

 $i \neq = i$ ;

We are kacking 2nd 4th

Strick of [7, 1, 5, 3, 6, 4] 7 Prices

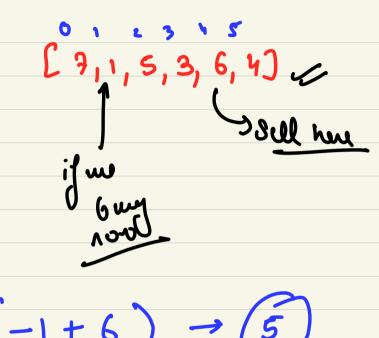
Amozon

Amozon

OM 151 grad J.

Prices Ci) -> what is the cost of the amoren stock on the ith day.

Buy the strick on any one day & sell it later



hy to consider all possible Cases-

profit = \$45 [7,1,5,3,6,4] corr-min = 71

condidate

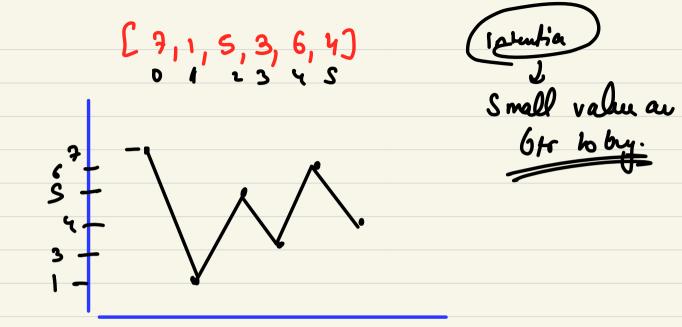
condidate

rias but

we should key as low as possible

but

but We should sell as hyla as fossible, after buy. # Start trackey min values.



[7,6,4,3,1,8,6] if (prio (i) < cun-min) ( cur-min = prio (i);

on any it day, I ask q question, Should?
Sell hoday ?? for selling we need min Stock price before the

intressing intreasing M=5 3, C=[1,2,2,3,3,4,5,8,9]

dont return c increasy and

if (nums) (i) < nums 2 [j]) nums 1 [1, 3, 4, 8,9] m=5 / C realt [x] = nums (i);
K++, i++; nums 2 [ 0, 3, 5, ] Jelse C result[k] = nums2[j]; result  $\rightarrow \begin{bmatrix} 0 & 1 & 3 & 3 & 4 & 5 & 8 \\ 0 & 1 & 2 & 3 & 4 & 5 & 6 & 9 & 8 & -1 \\ 0 & 2 & 3 & 4 & 5 & 6 & 9 & 8 & -1 \\ 0 & 3 & 4 & 5 & 6 & 9 & 8 & -1 \\ 0 & 2 & 3 & 4 & 5 & 6 & 9 & 8 & -1 \\ 0 & 3 & 4 & 5 & 6 & 9 & 8 & -1 \\ 0 & 3 & 5 & 6 & 9 & 8 & -1 \\ 0 & 3 & 6 & 6 & 9 & 8 & -1 \\ 0 & 3 & 6 & 6 & 9 & 8 & 9 & 8 \\ 0 & 3 & 6 & 6 & 9 & 8 & 9 & 8 \\ 0 & 3 & 6 & 6 & 9 & 8 & 9 & 8 \\ 0 & 3 & 6 & 6 & 9 & 8 & 9 & 8 \\ 0 & 3 & 6 & 6 & 9 & 8 & 9 & 8 \\ 0 & 3 & 6 & 6 & 9 & 9 & 8 & 9 \\ 0 & 3 & 6 & 6 & 9 & 9 & 8 & 9 \\ 0 & 3 & 6 & 6 & 9 & 9 & 9 & 9 \\ 0 & 3 & 6 & 6 & 9 & 9 & 9 & 9 \\ 0 & 3 & 6 & 6 & 9 & 9 & 9 & 9 \\ 0 & 3 & 6 & 6 & 9 & 9 & 9 & 9 \\ 0 & 3 & 6 & 6 & 9 & 9 & 9 & 9 \\ 0 & 3 & 6 & 6 & 9 & 9 & 9 & 9 \\ 0 & 3 & 6 & 6 & 9 & 9 & 9 & 9 \\ 0 & 3 & 6 & 6 & 9 & 9 & 9 & 9 \\ 0 & 3 & 6 & 6 & 9 & 9 & 9 \\ 0 & 3 & 6 & 6 & 9 & 9 & 9 \\$ On the Oth inder, after me complète the Smallest amon 60 th the arrays well be present. well be inside

numer  $[a, b, c, d] \rightarrow inc$ numer  $[a, e, f] \rightarrow inc$ 

result = (9,

while (icm && jan) & this condition if (nums) [i] < nums2[i])

// (realt[x] = nums1(i);

Ket, i++; well be false when numse is exhauts. Jelse C result[k] = nums2[j] only; free have elements in nums) if numsæ still while (icm) L result [r] = nums [ [i] while (j<n) {
Yesult[k] = nums2(j);
3 K+1; j+1;