

Remove Duplicates from Sorted Array II

Input: $\text{nums} = [1, 1, 1, 2, 2, 3]$ Output: $5 \rightarrow [1, 1, 2, 2, 3, -]$ Intuition

1 1 1 2 2 3

place it after
check if number is
valid

Valid Check \rightarrow current Element \neq $\text{nums}[i-2]$

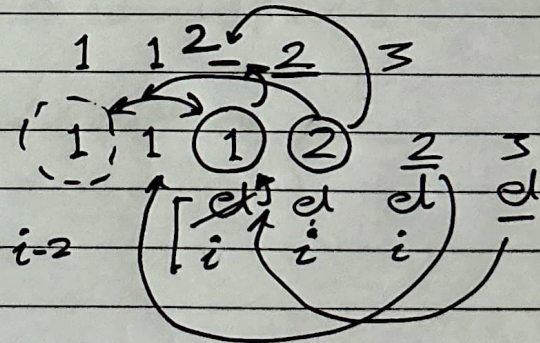
el

 $i =$

0	1	2	3	4	5
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 $i=0 \rightarrow \text{nums}[i] = \text{el} \rightarrow \text{el}++, i++$ $i=1 \rightarrow \text{nums}[i] = \text{el} \rightarrow \text{el}++, i++$ $i=2 \rightarrow$ check if $\text{el} \neq \text{nums}[i-2], \text{el}++$

~~el++~~

Return i which is the length of resultant array