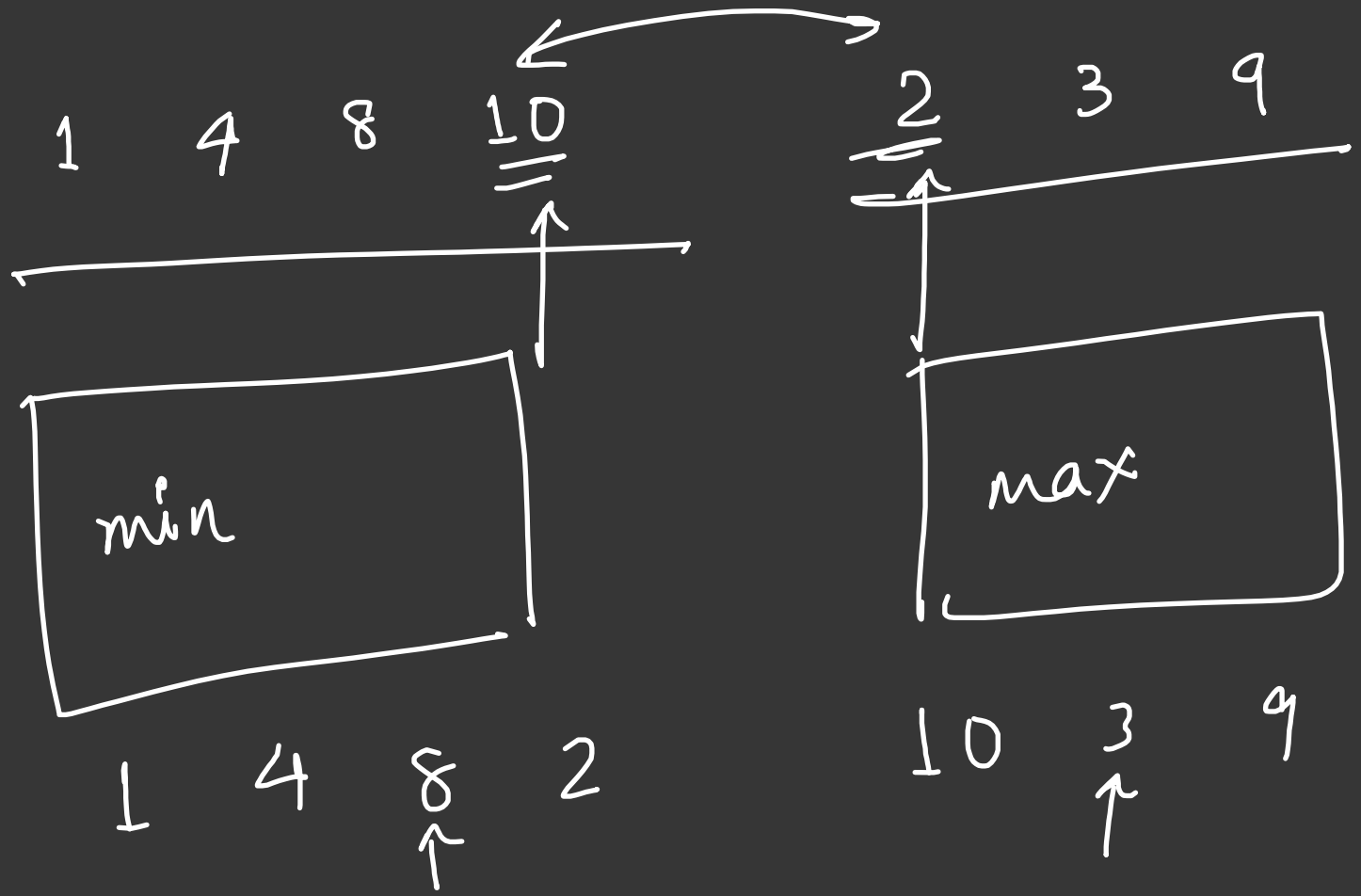
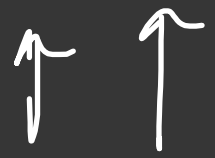
Merge 2 Sorted Array without extra space

arr1 = { 1, 4, 8, 10 }

arr2 = { 2, 3, 9 }



1 4 3 2



1 4 3 2

1 2 3 4

10 8 9

10 8 9

~~10~~ ~~8~~ ~~9~~ 10

$O(n+m) + O(n \log N) + O(m \log m)$

10 > 2

if (arr[left] > arr[right])

swap (arr