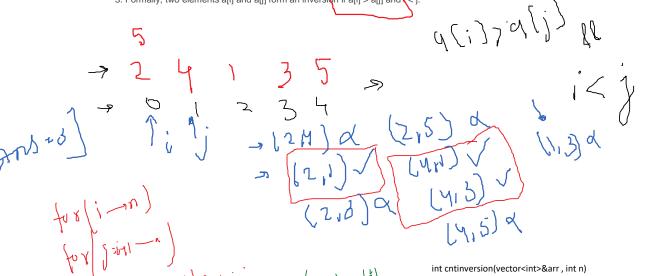
Given an array of integers. Find the Inversion Count in the array.
For an array, inversion count indicates how far (or close) the array is from being sorted.
If array is already sorted then the inversion count is 0. If an array is sorted in the reverse order then the inversion count is the maximum.

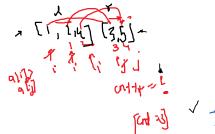
3. Formally, two elements a[i] and a[j] form an inversion if a[i] > a[j] and < j.



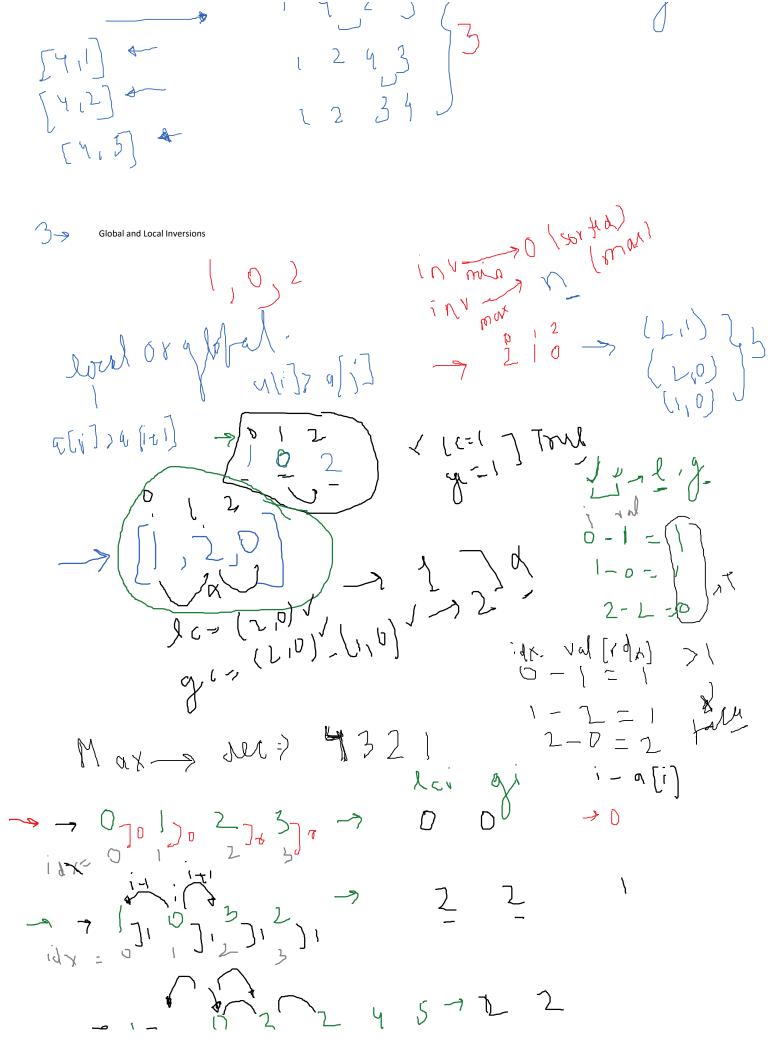
int ivr = 0; for(int i = 0; i< n; i++) for(int j = i + 1; j < n; j++) if(arr[i] > arr[j] && i < j)

17,617

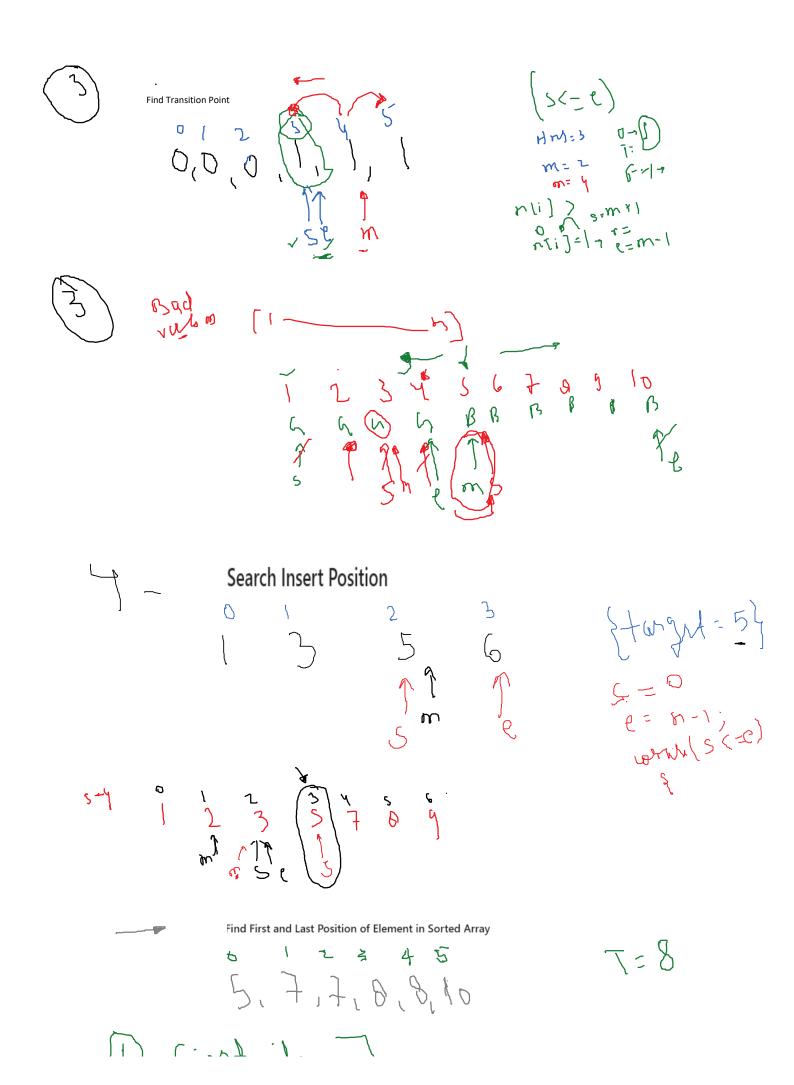
return ivr;



Minimum number of swaps needed



Binary search 1 ear Search. 12 July 2022 08:32 3 6 7 (m) \$ 50 741 (m) morst- pur 50 741 (m) m STL = (binary - se ever (n my. be gri (), mary. walls - lanu-bound



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Fidx

5, 7, 7, 8, 8, 10 5, 7, 7, 8, 8, 10

t: 8

12 July 2022 22:56 [5, 10, 15, 22, 33, 40, 42, 55] f mysound. 33 (25 MS - mid 11) wit- mid and the many of the second of - [5, 6, 9, 10, 11] heating= [1,518]

2

