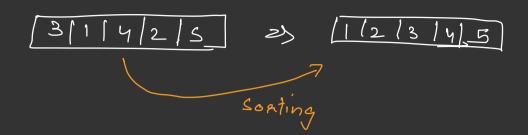
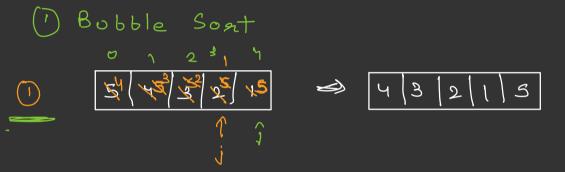
SORTINGS





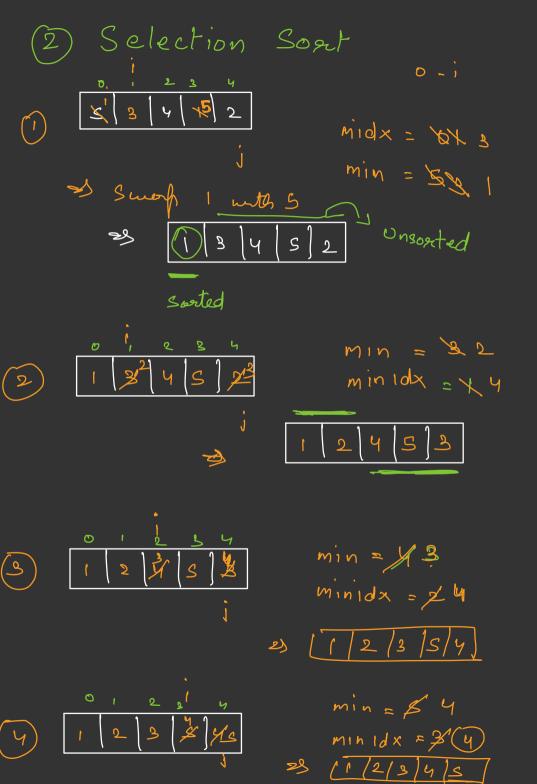
Bubble the max in unsorted warray to its right position



 $\int_{V} \langle -n-i \rangle$

2 4 5 2 3 4 5 J=0 n-1 3 n-1 i = 1 j = 0 - 2n - 2 n = 21 EN 1 E D - 0 Time

Space Auxilary space => O(1)



Time Complexity $\begin{vmatrix}
i - 0 - n - 1 & | i = 0 \\
i = 1 & | j = 0 & | j = 0 & | j = 0 & | j = 0 & | j = 0 & | j = 0 & | j = 0 & | j = 0 & | j = 0 & | j = 0 & | j = 0 & | j = 0 & | j = 0 & | j = 0 & | j = 0 & | j = 0 & | j = 0 & | j = 0 & | j = 0 & | j = 0 & | j = 0 & | j = 0 & | j = 0 & | j = 0 & | j = 0 & | j = 0 & | j = 0 & | j = 0 & | j = 0 & | j = 0 & | j = 0 & | j = 0 & | j = 0 & | j = 0 & | j = 0 & | j = 0 & | j = 0 & | j = 0 & | j = 0 & | j = 0 & | j = 0 & | j = 0 & | j = 0 & | j = 0 & | j = 0 & | j = 0 & | j = 0 & | j = 0 & | j = 0 & | j = 0 & | j = 0 & | j = 0 & | j = 0 & | j = 0 & | j = 0 & | j = 0 & | j = 0 & | j = 0 & | j = 0 & | j = 0 & | j = 0 & | j = 0 & | j = 0 & | j = 0 & | j = 0 & | j = 0 & | j = 0 & | j = 0 & | j = 0 & | j = 0 & | j = 0 & | j = 0 & | j = 0 & | j = 0 & | j = 0 & | j = 0 & | j = 0 & | j = 0 & | j = 0 & | j = 0 & | j = 0 & | j = 0 & | j = 0 & | j = 0 & | j = 0 & | j = 0 & | j = 0 & | j = 0 & | j = 0 & | j = 0 & | j = 0 & | j = 0 & | j = 0 & | j = 0 & | j = 0 & | j = 0 & | j = 0 & | j = 0 & | j = 0 & | j = 0 & | j = 0 & | j = 0 & | j = 0 & | j = 0 & | j = 0 & | j = 0 & | j = 0 & | j = 0 & | j = 0 & | j = 0 & | j = 0 & | j = 0 & | j = 0 & | j = 0 & | j = 0 & | j = 0 & | j = 0 & | j = 0 & | j = 0 & | j = 0 & | j = 0 & | j = 0 & | j = 0 & | j = 0 & | j = 0 & | j = 0 & | j = 0 & | j = 0 & | j = 0 & | j = 0 & | j = 0 & | j = 0 & | j = 0 & | j = 0 & | j = 0 & | j = 0 & | j = 0 & | j = 0 & | j = 0 & | j = 0 & | j = 0 & | j = 0 & | j = 0 & | j = 0 & | j = 0 & | j = 0 & | j = 0 & | j = 0 & | j = 0 & | j = 0 & | j = 0 & | j = 0 & | j = 0 & | j = 0 & | j = 0 & | j = 0 & | j = 0 & | j = 0 & | j = 0 & | j = 0 & | j = 0 & | j = 0 & | j = 0 & | j = 0 & | j = 0 & | j = 0 & | j = 0 & | j = 0 & | j = 0 & | j = 0 & | j = 0 & | j = 0 & | j = 0 & | j = 0 & | j = 0 & | j = 0 & | j = 0 & | j = 0 & | j = 0 & | j = 0 & | j = 0 & | j = 0 & | j = 0 & | j = 0 & | j = 0 & | j = 0 & | j = 0 & | j = 0 & | j = 0 & | j = 0 & | j = 0 & | j = 0 & | j = 0 & | j = 0 & | j = 0 & | j = 0 & | j = 0 & | j = 0 & | j = 0 &$

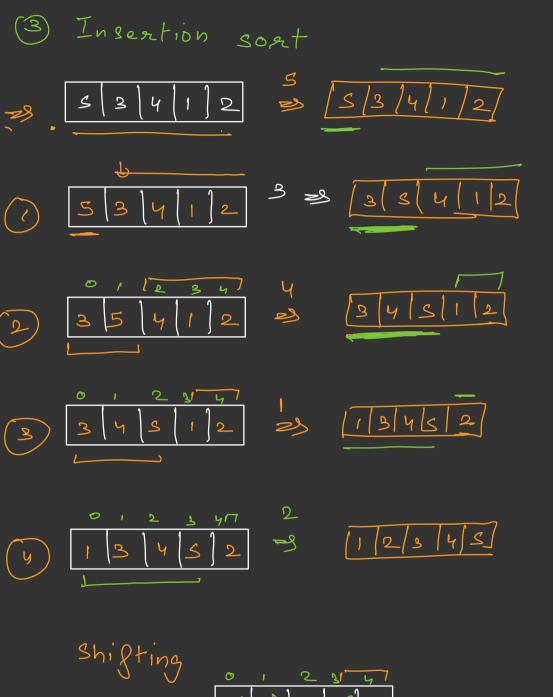
Space

Auxilary space 30(1)

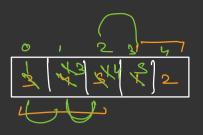
Inplace Sorting

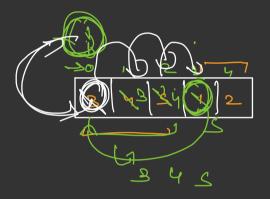
Stable

P [1/3/4/5/c









coss[1+i] = coss[j]