Insertion Sort:

Array = 5,3,4, 1 [partially sorting the array] For every index, put that index element at the correct index of LHS. > this will be sorted 2nd pass -> i=1 ____ this will be sorted 3, 5, 4, 1, 2 3,4,5,1,2 this will be sorted 3^{rd} pass $\rightarrow i = 2$ 3, 4, 5, 1, 2 4th pass -> 1,3,4,5,2 1,2,3,4,5 -> array is sorted!!





