n an unsoited array, sort by dividing it into two subarrays in combine it after sorting.

Then

I middle index of array

mid = 1+ (last-first)/2

de the array from the middle.

mage sort for first half mage-sort (array, first, middle)

merge sort for swond half.
mergesort (orray, mid+1, lost)

ig two sorted halves into single array.

n an unsorted array, soit array by partioning array into two array while another pivot element such that one of sub holds value smaller than the sub array.

ose the highest index value has pivol.

Le two variables to point left & right of the list luding pivot.

points to the low index.

it points to the high.

the value at left is less than pivot, move right. The value at right is greater than pivot, move left. both step 5 f step 6 does not match swap left right.

left >= right, the index is new pivot.