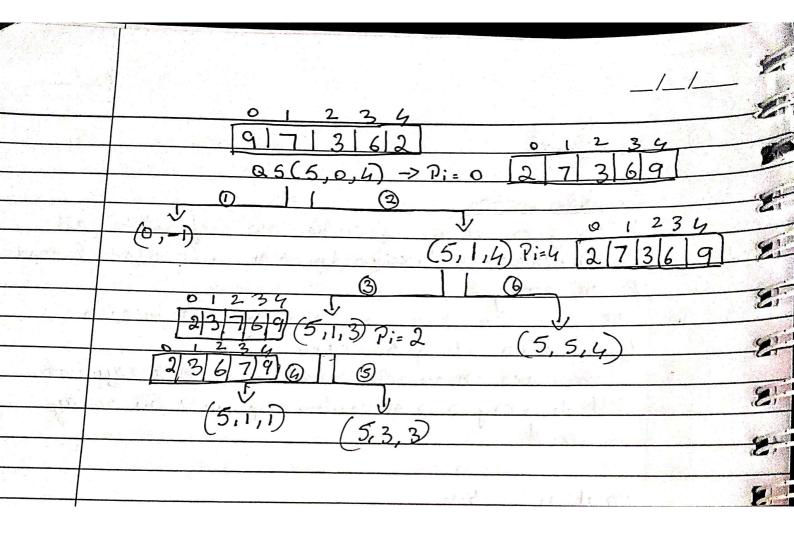


Quicksort the quick sort recursive function with start & end of the orray The recursive function calls partition function from which it gets ? (Pinden) Then based on the Pinden divide the orrays into left sub array & right Suborray. Until the array Portition function it is called from the quickort function with Stort & end orr [end] is kept as the Pivot Kinden is nept as a tractor to pfill smaller elements in the array to the start of the orray & position the pivot in its right place (Pinden = strt) here all the clements are compared with the pivot if the element is smaller it is snifted to beginning & Pinden increases for whole orray then for last updated Vinden position the Pivot is placed where the smaller elements than ivot will he on its left. tooks smaller elements 4 storts filling from stort 4 them places the pivot



5	Merge function
	Recursive function
+	Jets the mid point of the orray
	divides the orray into left & right suborray based
_	and for each suborday merge function is called.
	the contract and write much the market habitation graphs in the
195	Merge funt ion
	The merge function gets two subarroays and compores the two subarroays
•	but even if it just gets one of the suborray righter left it treats that single suborray itself 40 two
	Smaller suborrays like first to mix & midt) to end in a
	now it compares the two parts and puls the Smaller
	elements into the beginning of the temp orray
	now after temp orray is filled & sorted it is now
	copied back to original or vay.
	- looks for smaller elements & then copies those small elements in temporray

