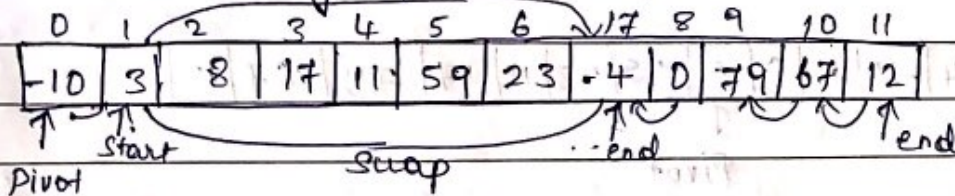
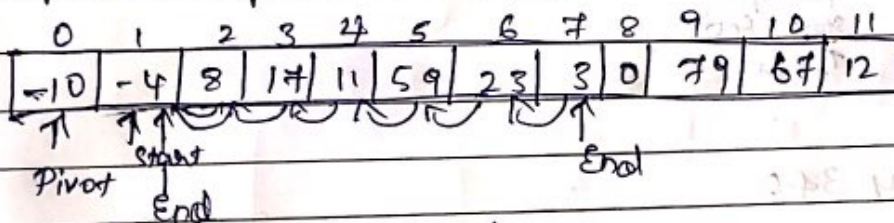


Quick Sort

-10, 3, 8, 17, 11, 59, 23, -4, 0, 79, 67, 12 sort following elements using quicksort pivot as -10.

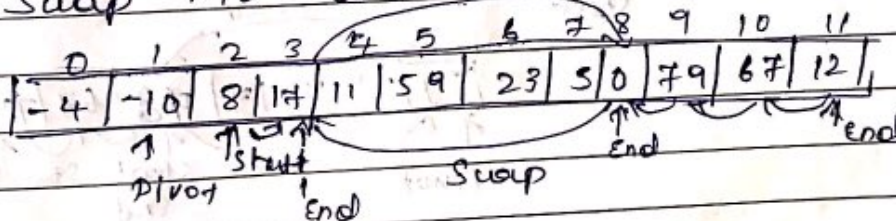


Step 1: Swap 8 and -4

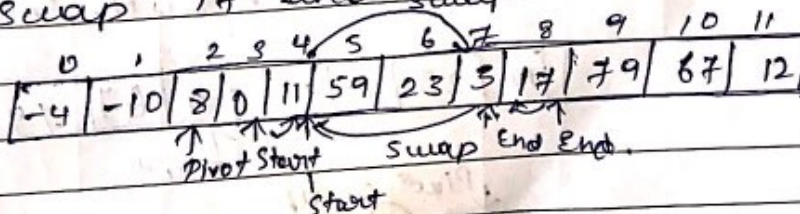


No swapping because start is greater than end Element. Swap and Element with pivot element

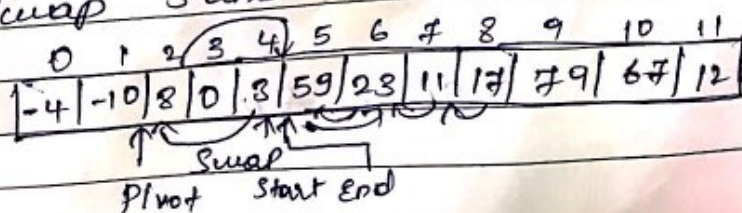
(ii) Swap -10 and -4



Swap 17 and 0

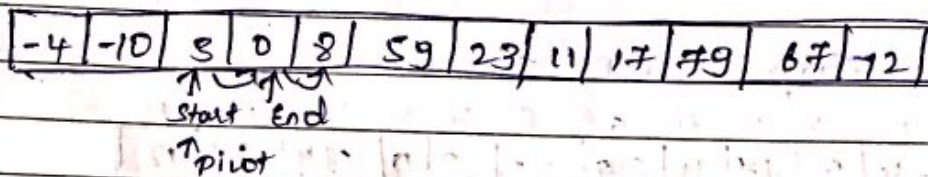
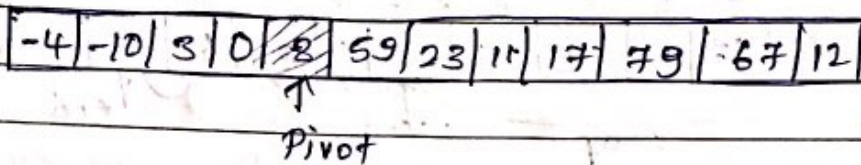


Swap 3 and 11

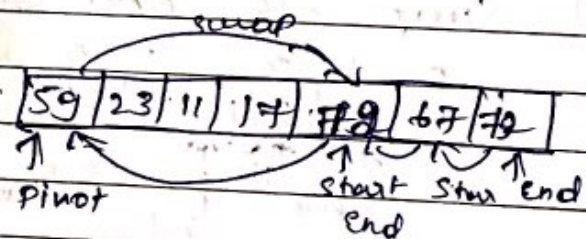
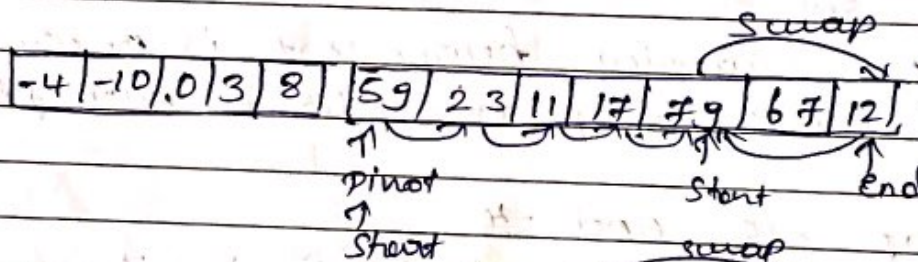




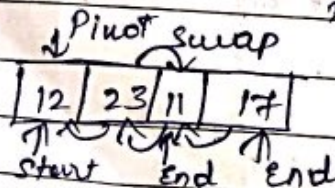
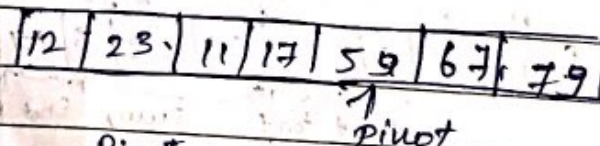
No swap because start is crossed End Element  
Swap End Element with pivot element



Swap 3 & 0

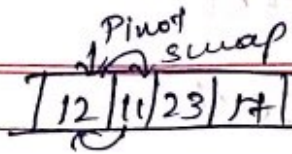


No Swap Since Start Crossed End  
Swap Pivot with End Elements

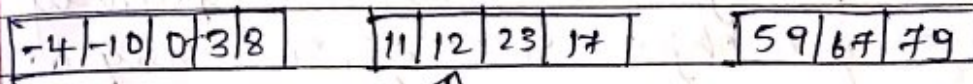
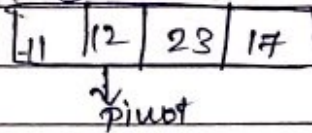


Swap 23 & 11

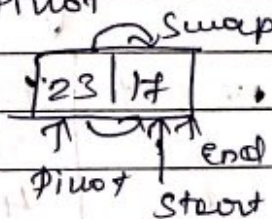




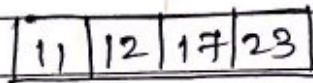
No swap since start further end swap with pivot



↑  
Pivot



Swap 17 & 23



Combine the Elements

