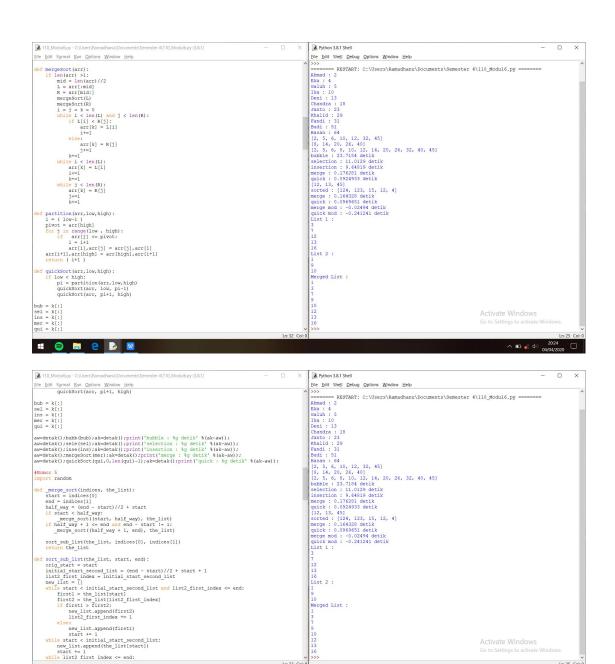
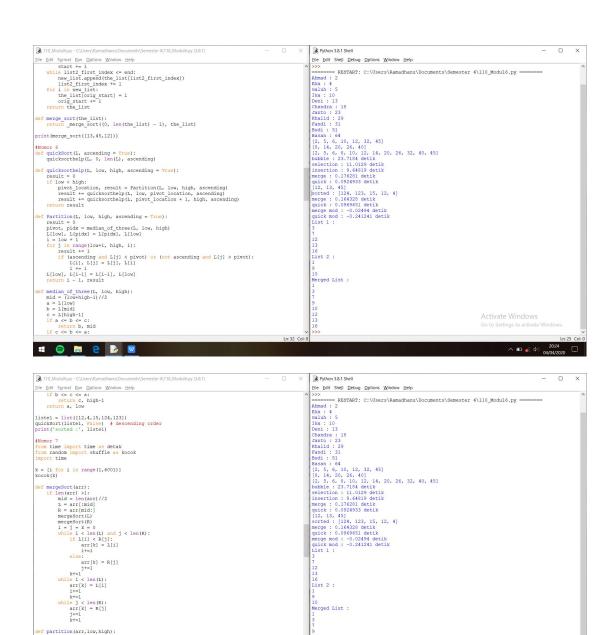


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^ **□** € Φ) 04

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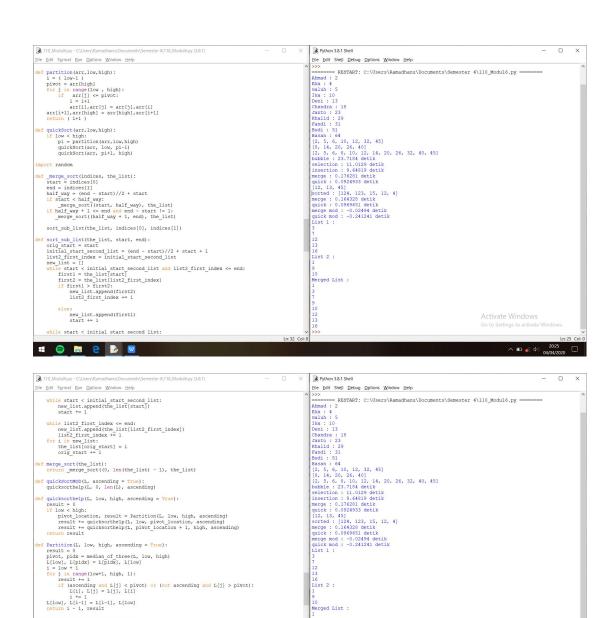


10 Merged List :

^ **□** € Φ) 04

lef partition(arr,low,high):
 i = ( low-l )
 pivot = arr[high]
 for j in range(low , high):
 if arr[j] <= pivot:
 i = i+l</pre>

**= 8 = 8** 



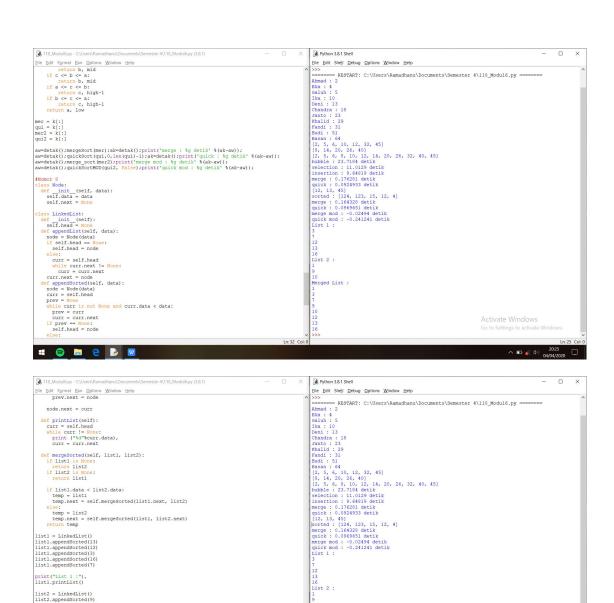
10 Merged List :

^ **□** 

√ (4)) 20:25 □ □

f median of three(L, low, high):
mid = (low+high-1)//2
a = L[low]
b = L[mid-1]
c = L[mid-1]
if eccur b, mid
if c <= b <= a:

**= 6 = 6** 



10 Merged List :

^ **□** \* □ • 04

list2 = LinkedList() list2.appendSorted(9) list2.appendSorted(10) list2.appendSorted(1)

print("Merged List :"),
list3.printList()

# 6 h 2 b W

print("List 2 :"), list2\_printhist() list3 = LinkedList() list3.head = list3.mergeSorted(list1.head, list2.head)