#TASK1

Simply followed the mange sort algorithm Here I declared a merge list [] which is empty. Then I checked and appended The clements in the menged list. Finally I entended the remaining pant int fue monge so list.

The med the last clement on the board walt

Normally used a man val Luncton. where I checked the a>b, and returned Save Sunotion used on tooks.

22 30 (22 19

# In this code I applied a basic algo that uses divide and conquere rule using menge And Count Inversions Lunction. There I broke my array into small party into Bys

Suppose, [4 3 1 1)

[4 3] [1 12]

[4] [2] [2] [2]

I snot

[9, 4] [1, 2]. and it continu

E Nowt

tach 5 Here I wed the concept of my CSE 221 ansignment of theory the other by by bed by by the ports Line 2 20 30 environment at behanding & 22 30 122 19. Then used the last element on pirotion Normally used a mane val sunother. where I are also and returned for Same function used as took 5. Used reconsion to supposite of the book with me the that was divide and conquere rule weng menge And Court enversions Lunction. There I proke and amy just a small porta into Botis Suppose, [4 3 12) EU 3] [R MJ [43 Es3 [13] [33 [1, 2]. Ond it contin done I [P, P]