Merge Sort Merge 2 Sorted Array

Suffesse Entra-space given already

A=[1:2,3,0,0,0]

N=3(only 3 valid)

N=3

Merge 2 sorted form would be like

A = [1:2,3,2,5,6] but in sorted as well

A = [1:2,2,3,5,6] (Sorted)

The sorted of the sorted as well

A = [1:2,2,3,5,6] C=[1,2,2,3,5,6] We will see it in the decreosing/reverse idd ida=m+n-1 12n-1/12n-1 i will be compared with i greater will go to idn position (idn-j-)

Ther j will be compared with i

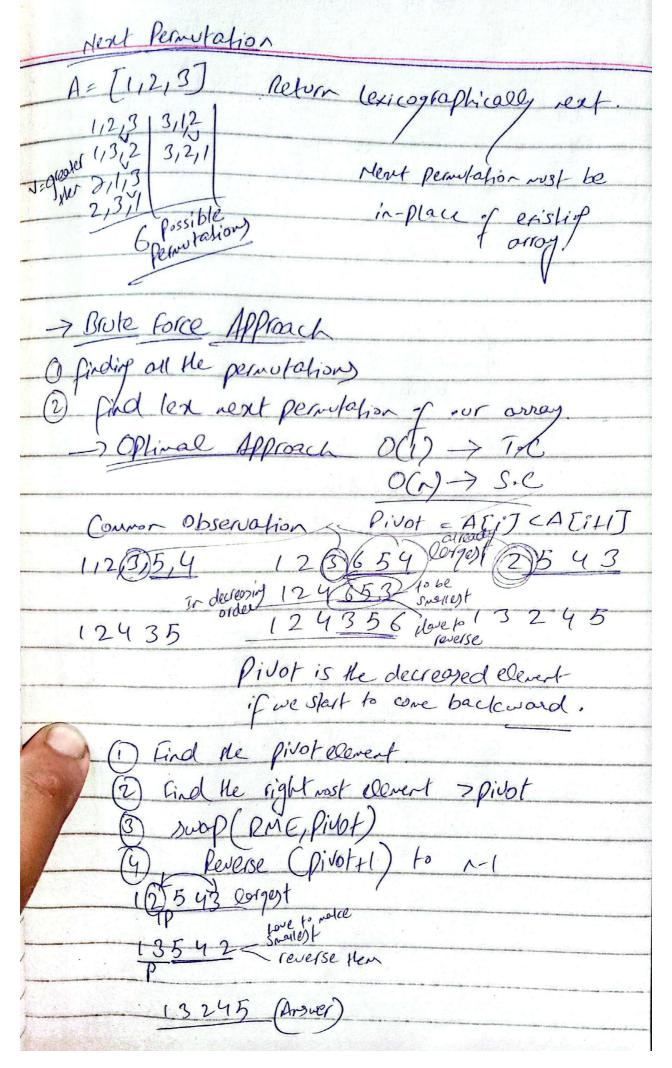
Ther i with idn — 160

Pseudocode eidx=w+n-1, i= m-1 while ( i >= 0 88 j >= 0) {

if (A[i] z = A[j])

A[idn] = A[i]

idnelse A [ida] = B [i] Additional Goops if Algers entry but i/B



5,4,3,21 decreoning piv=/-1 Pseudocode piv = -1 for (i=n-2;i>=0;i--){ Roverse if CAEIJ CAEIHJS PIU=: break; (f (pivez-1) — Edge Cose reverse arroy reverse (A.belin(), A.end()) for ( i= ~1, 1 > pivot; 1--) } A[i] > A[pivot] swap (Ali], A [pivot] break; = pivH while (icz)} Swap (ARIJIACI)