Placement Question

Q.Wave Array

#include<bits/stdc++.h>

using namespace std;

int main()

{

int n = 6;

int arr[n];

for (int i = 0; i < n; i++){

cin >> arr[i];

}

for (int i = 0; i < n; i+=2)

{

if (i>0 && arr[i] < arr[i-1]){

int temp = arr[i];

arr[i] = arr[i-1];

arr[i-1] = temp;

}

if (i<n-1 && arr[i] < arr[i+1]){

int temp = arr[i];

arr[i] = arr[i+1];

arr[i+1] = temp;

}

}

for (int i = 0; i < n; i++){

cout << arr[i] << " ";

}

}

Q.Move all 0’s

#include<bits/stdc++.h>

using namespace std;

int main()

{

int arr[5] = {12,0,13,0,5};

int z = 0;

int nz = 0;

int ans[5];

for(int i = 0;i < 5;i++){

if(arr[i] == 0 ){

z++;

}

else{

nz++;

}

}

int j = 0;

for(int i = 0;i < 5;i++){

if(arr[i] != 0){

ans[j] = arr[i] ;

j++;

}

}

for(int i = nz;i < 5;i++){

ans[i] = 0;

}

for(int i = 0;i<5;i++){

cout<<ans[i]<<" ";

}

}