Q 12.) Rearrange array in alternating positive negative.

#include<stdio.h>

int main(){

int n,i,j,temp;

printf("enter the array size");

scanf("%d",&n);

int arr[n];

printf("enter the array elements");

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

scanf("%d",&arr[i]);

}

printf("\n the array elements are ");

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

printf("%d ",arr[i]);

}

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

for(j=i+1;j<n;j++){

if(arr[i]<arr[j]){

temp=arr[i];

arr[i]=arr[j];

arr[j]=temp;

}

}

}

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

for(j=i+1;j<n;i++){

if(i!=n-1){

if(arr[i]==-arr[j]){

temp=arr[i+1];

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

arr[j]=temp;

i+=2;

j++;

}}

else

break;

}

}

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

for(j=i+1;j<n-1;i++){

if(arr[j]<0){

temp=arr[i+1];

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

arr[j]=temp;

i+=2;

printf("%d",arr[i]);

}

}

}

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

printf("%d\t",arr[i]);

}

}