Question **1**

Correct

Mark 1.00 out of 1.00

Given two arrays array_One[] and array_Two[] of same size N. We need to first rearrange the arrays such that the sum of the product of pairs(1 element from each) is minimum. That is SUM (A[i] * B[i]) for all i is minimum.

For example:

Input	Result
3 1 2 3 4 5 6	28

Answer: (penalty regime: 0 %)

```
#include<stdio.h>
void sort(int a,int arr[]){
    for(int i=0;i<a-1;i++){
        for(int j=i;j<a;j++){
            if(arr[i]>arr[j]){
                int temp=arr[i];
                arr[i]=arr[j];
                arr[j]=temp;}}}}

int main(){
    int a;scanf("%d",&a);int arr[a],brr[a];
    for(int i=0;i<a;i++)scanf("%d",&arr[i]);
    sort(a,arr);
    for(int i=0;i<a;i++)scanf("%d",&brr[i]);
    sort(a,brr);int sum=0;
    for(int i=0;i<a;i++)sum+=arr[i]*brr[a-1-i];
    printf("%d",sum);
}
```

	Input	Expected	Got	
✔	3 1 2 3 4 5 6	28	28	✔
✔	4 7 5 1 2 1 3 4 1	22	22	✔

	Input	Expected	Got	
✔	5 20 10 30 10 40 8 9 4 3 10	590	590	✔

Passed all tests! ✔

Correct

Marks for this submission: 1.00/1.00.

◄ 4-G-Array Sum max problem

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1-Number of Zeros in a Given Array ►