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 %)

```c
1   #include<stdio.h>
2   int main()
3 ▾ {
4       int n,temp,sum=0;
5       scanf("%d",&n);
6       int a[n];
7       int b[n];
8       for(int i=0;i<n;i++)
9 ▾     {
10          scanf("%d",&a[i]);
11      }
12      for(int i=0;i<n;i++)
13 ▾    {
14          scanf("%d",&b[i]);
15      }
16      for(int i=0;i<n;i++)
17 ▾    {
18          for(int j=i+1;j<n;j++)
19 ▾        {
20              if(a[i]>a[j])
21 ▾            {
22                  temp=a[i];
23                  a[i]=a[j];
24                  a[j]=temp;
25              }
26          }
27      }
28      for(int i=0;i<n;i++)
29 ▾    {
30          for(int j=i+1;j<n;j++)
31 ▾        {
32              if(b[i]<b[j])
33 ▾            {
34                  temp=b[i];
35                  b[i]=b[j];
36                  b[j]=temp;
37              }
38          }
39      }
40      for(int i=0;i<n;i++)
41 ▾    {
42          sum+=a[i]*b[i];
43      }
44      printf("%d",sum);
45  }
```

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

Jump to...

1-Number of Zeros in a Given Array ►