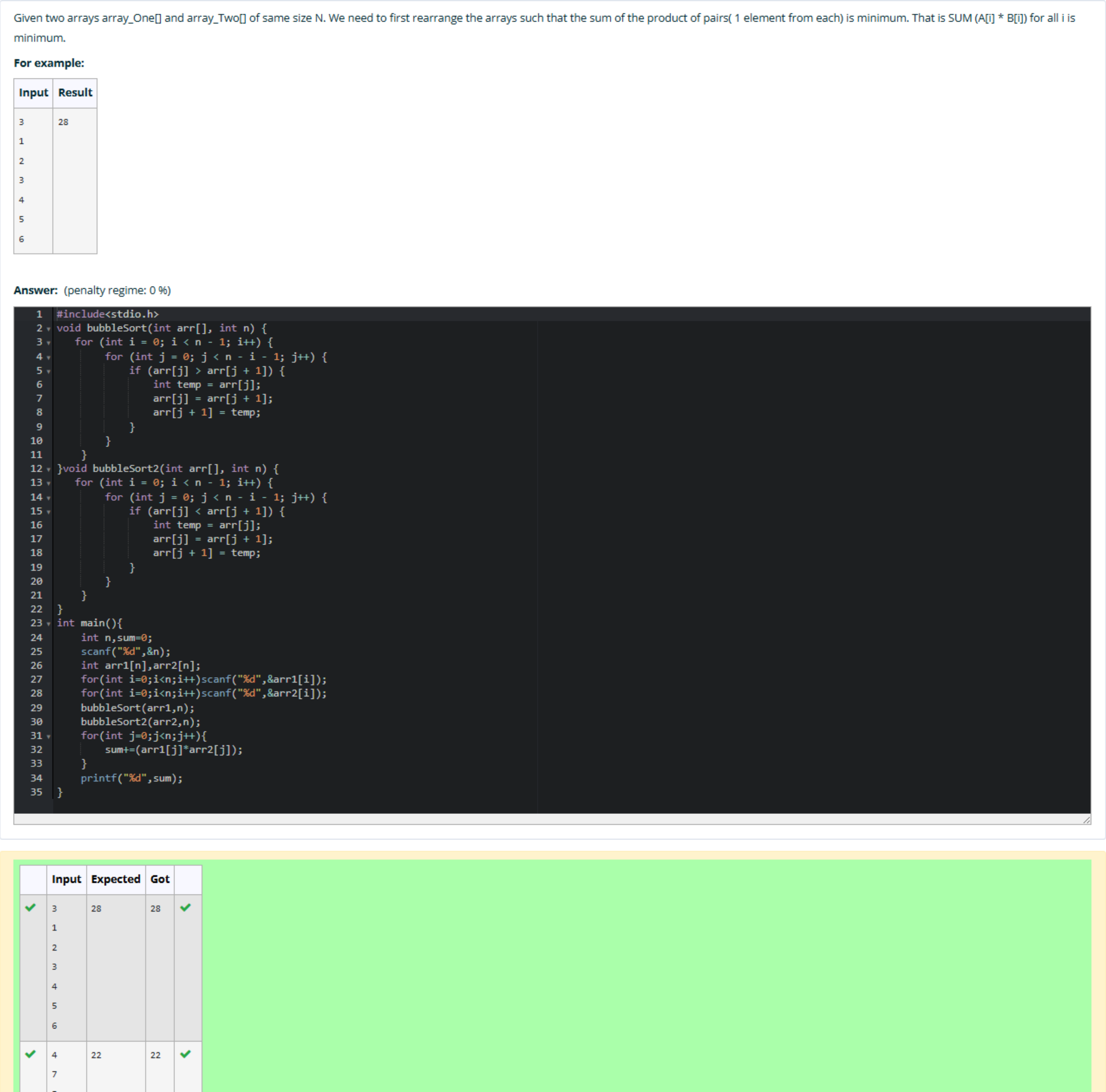

Given two arrays array_One[] and array_Two[] of same size N. We need to first rearrange the arrays such that the sum of the product of pairs(1 element from each) is minimum. That is SUM (A[i] * B[i]) for all i is minimum.

For example:

Input	Result
3 1 2 3 4 5 6	28

Answer: (penalty regime: 0 %)

```
#include<stdio.h>
void bubbleSort(int arr[], int n) {
    for (int i = 0; i < n - 1; i++) {
        for (int j = 0; j < n - i - 1; j++) {
            if (arr[j] > arr[j + 1]) {
                int temp = arr[j];
                arr[j] = arr[j + 1];
                arr[j + 1] = temp;
            }
        }
    }
}void bubbleSort2(int arr[], int n) {
    for (int i = 0; i < n - 1; i++) {
        for (int j = 0; j < n - i - 1; j++) {
            if (arr[j] < arr[j + 1]) {
                int temp = arr[j];
                arr[j] = arr[j + 1];
                arr[j + 1] = temp;
            }
        }
    }
}
int main(){
    int n,sum=0;
    scanf("%d",&n);
    int arr1[n],arr2[n];
    for(int i=0;i<n;i++)scanf("%d",&arr1[i]);
    for(int i=0;i<n;i++)scanf("%d",&arr2[i]);
    bubbleSort(arr1,n);
    bubbleSort2(arr2,n);
    for(int j=0;j<n;j++){
        sum+=(arr1[j]*arr2[j]);
    }
    printf("%d",sum);
}
```

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