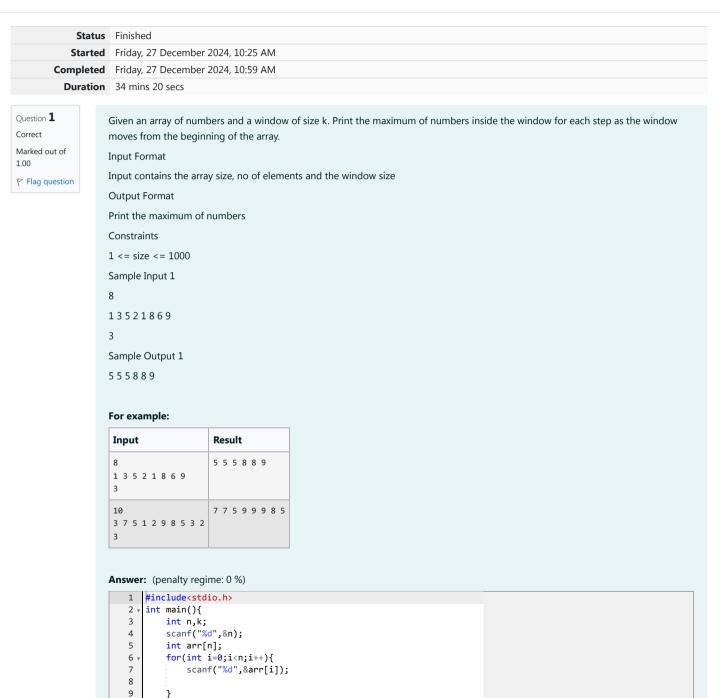
# GE23131-Programming Using C-2024





	Input	Expected	Got	
<b>~</b>	8 1 3 5 2 1 8 6 9 3	5 5 5 8 8 9	5 5 5 8 8 9	~
~	10 3 7 5 1 2 9 8 5 3 2 3	7 7 5 9 9 9 8 5	7 7 5 9 9 9 8 5	~

Passed all tests! ✓

Question **2** 

Correct

Marked out of 1.00

▼ Flag question

Given an array and a threshold value find the output.

Input: {5,8,10,13,6,2}

Threshold = 3

Output count = 17

Explanation:

Explanation:		
Number	Parts	Counts
5	{3,2}	2
8	{3,3,2}	3
10	{3,3,3,1}	4
13	{3,3,3,3,1}	5
6	{3,3}	2
2	{2}	1
Input Format		
N - no of elements in an array		

Array of elements

Threshold value

Output Format

Display the count

Sample Input 1

6

### Sample Output 1

17

## For example:

Input	Result	
6 5 8 10 13 6 2 3	17	
7 20 35 57 30 56 87 30 10	33	

#### **Answer:** (penalty regime: 0 %)

```
1 #include<stdio.h>
 2 v int main(){
3 int n,t,count=0;
4 scanf("%d",&n);
5 int arr[n];
6 * for(int i=0;i<n;i++){</pre>
        scanf("%d",&arr[i]);
        scanf("%d",&t);
        for(int j=0;j<n;j++){
while(arr[j]>0){
10 🔻
11 *
             arr[j]-=t;
12
13
             count++;
14
15
16
        printf("%d",count);
17 }
```

	Input	Expected	Got	
~	6 5 8 10 13 6 2 3	17	17	~
~	7 20 35 57 30 56 87 30 10	33	33	~

Passed all tests! 🗸

Marked out of 1.00 ♥ Flag question Input Format

N1 - no of elements in array 1

Array elements for array 1

N2 - no of elements in array 2

Array elements for array2

Output Format

Display the merged array

Sample Input 1

5

1 2 3 6 9

4

2 4 5 10

Sample Output 1

1 2 3 4 5 6 9 10

#### For example:

Input	Result			
5	1 2 3 4 5 6 9 10			
1 2 3 6 9				
4				
2 4 5 10				

Answer: (penalty regime: 0 %)

```
#include<stdio.h>
 2 v int main(){
3
        int a,b;
4
        scanf("%d",&a);
        int arr1[a];
        for(int i=0;i<a;i++)</pre>
        scanf("%d",&arr1[i]);
8
        scanf("%d",&b);
9
        int arr2[b];
10
        for(int i=0;i<b;i++)</pre>
11
        scanf("%d",&arr2[i]);
12
        int p=0,q=0;
13
14
        while((p<a)&&(q<b)){</pre>
15
            if(arr1[p]<arr2[q]){</pre>
16
                printf("%d ",arr1[p]);
17
                p++;
18
19
            else if(arr1[p]>arr2[q]){
20
                printf("%d ",arr2[q]);
21
                 q++;
22
23
            else{
24
                printf("%d ",arr1[p]);
25
                p++;
```

```
for(int j=p;j<a;j++){</pre>
 29 1
          printf("%d ",arr1[j]);
 30
 31
         for(int j=q;j<b;j++){</pre>
 32 1
         printf("%d ",arr2[j]);
 33
 34
 35
 36 }
               Expected
     Input
                               Got
               1 2 3 4 5 6 9 10 1 2 3 4 5 6 9 10
     1 2 3 6 9
     2 4 5 10
Passed all tests! <
```