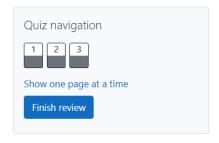
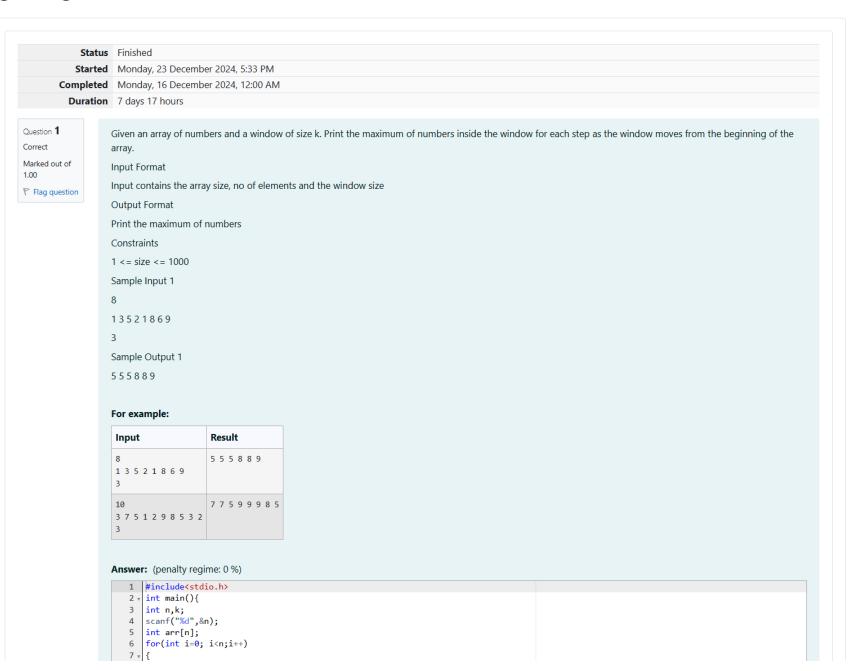
GE23131-Programming Using C-2024





```
8 | scanf("%d",&arr[i]);
9
10 | scanf("%d",&k);
11 for(int a=0; a<=n-k;a++)
12 🔻 {
13 int max=arr[a];
14 | for(int b=a; b<a+k;b++)
15 ₹ {
16 if(arr[b]>max)
17 🔻 {
18
       max=arr[b];
19
20 }
21 printf("%d ", max);
22
23
24 }
```

	Input	Expected	Got	
~	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:

En prairie de la communicación de la communica				
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
5 8 10 13 6 2
3
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(){
        int n,t,count =0;
scanf("%d",&n);
int arr[n];
3
4
 5
 6
        for(int i=0;i<n;i++)</pre>
 7 🔻
8
             scanf("%d",&arr[i]);
9
10
        scanf("%d",&t);
11
        for(int j=0;j<n;j++)</pre>
12 🔻
             while(arr[j]>0)
13
14 🔻
                 arr[j]-=t;
count++;
15
16
17
18
19
20
        printf("%d",count);
21
22 }
```

	Input	Expected	Got	
~	6 5 8 10 13 6 2 3	17	17	~
~	7	33	33	~

10

Passed all tests! <

Question $\bf 3$

Correct

Marked out of 1.00

Flag question

Output is a merged array without duplicates.

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

12369

4

2 4 5 10

Sample Output 1

123456910

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 %)

```
1 #include<stdio.h>
2 int main()
 3 ₹ {
         int a,b;
scanf("%d",&a);
 4
 5
 6
         int arr1[a];
         for(int i=0;i<a;i++)
scanf("%d",&arr1[i]);
scanf("%d",&b);
 7
 8
 9
10
         int arr2[b];
         for(int i=0;i<b;i++)
11
         scanf("%d",&arr2[i]);
12
13
         int p=0,q=0;
         while((p<a)&&(q<b))
14
15 +
              10/ 40 1/ 20 11
```

```
iT(arri[p]<arrz[q])</pre>
Tρ
17
              printf("%d ",arr1[p]);
18
19
           p++;
20
           else if (arr1[p]>arr2[q])
21
22 •
23
           printf("%d ",arr2[q]);
24
           q++;
25
26
           else
27 🔻
          printf("%d ",arr1[p]);
p++;
28
29
30
              q++;
31
32
33
       for(int j=p;j<a;j++)</pre>
34 🔻
35
          printf("%d ",arr1[j]);
36
37
       for(int j=q;j<b;j++)</pre>
38 🔻
39
          printf("%d ",arr2[j]);
40
41 }
```

	Input	Expected	Got	
~	5 1 2 3 6 9 4 2 4 5 10	1 2 3 4 5 6 9 10	1 2 3 4 5 6 9 10	~

Passed all tests! 🗸

Finish review