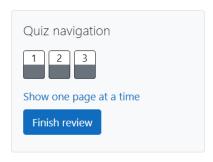
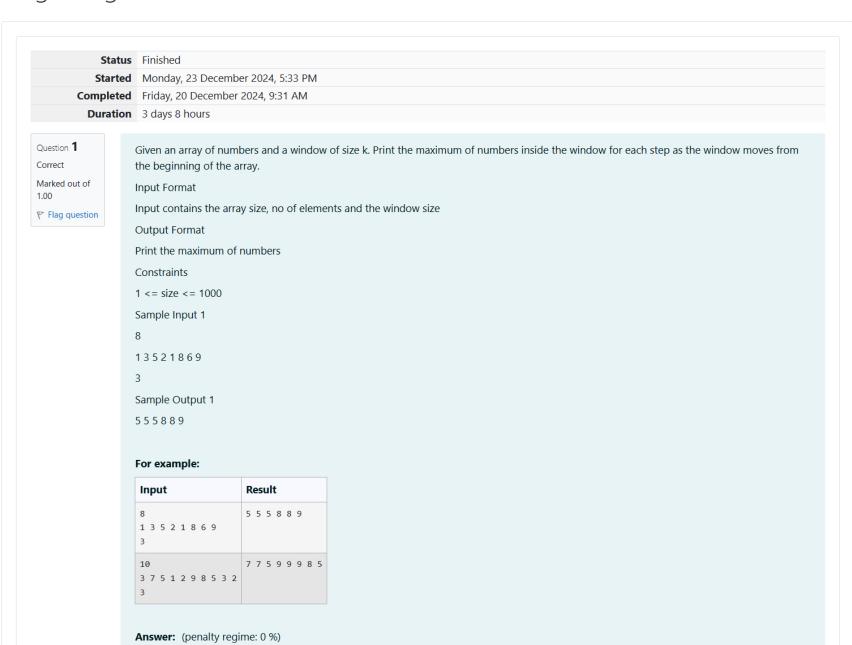
GE23131-Programming Using C-2024





```
1 | #include<stdio.h>
    int main()
 2
 3 ▼
 4
        int n,k;
 5
        scanf("%d",&n);
        int arr[n];
 6
 7
        for(int i=0;i<n;i++)</pre>
 8 ,
            scanf("%d",&arr[i]);
 9
10
        scanf("%d",&k);
11
        for(int a=0;a<=n-k;a++)</pre>
12
13 1
            int max=arr[a];
14
15
            for(int b=a;b<a+k;b++)</pre>
16
                if(arr[b]>max)
17
18
19
                    max=arr[b];
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.

3

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

Threshold = 3

Output count = 17

Explanation:

Number Parts Counts {3,2} 5 2

{3,3,2}

```
{3,3,3,1}
10
                      4
13
        {3,3,3,3,1}
                      5
        {3,3}
                      2
6
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 int main()
 3 ₹ {
         int n,t,count=0;
 4
         scanf("%d",&n);
 6
         int arr[n];
         for(int i=0;i<n;i++)</pre>
 7
 8 ,
            scanf("%d",&arr[i]);
 9
10
        scanf("%d",&t);
11
12
         for(int j=0;j<n;j++)</pre>
13 🔻
14
             while(arr[j]>0)
```

```
15 r
16 | arr[j]-=t;
17 | count++;
18 | }
19 | }
20 | printf("%d",count);
21 |}
```

	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! <

Question 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>
    int main()
 2
 3 ₹ {
 4
        int a,b;
 5
        scanf("%d",&a);
        int arr1[a];
 6
 7
        for(int i=0;i<a;i++)</pre>
 8
        scanf("%d",&arr1[i]);
 9
        scanf("%d",&b);
10
        int arr2[b];
        for(int i=0;i<b;i++)</pre>
11
        scanf("%d",&arr2[i]);
12
13
        int p=0,q=0;
14
        while((p<a)&&(q<b))
15
            if(arr1[p]<arr2[q])</pre>
16
17
                printf("%d ",arr1[p]);
18
19
                p++;
20
            else if(arr1[p]>arr2[q])
21
22
                printf("%d ",arr2[q]);
23
24
                q++;
25
26
            else
27
                printf("%d ",arr1[p]);
28
29
                p++;
30
                q++;
31
32
33
        for(int j=p;j<a;j++)</pre>
34
            printf("%d ",arr1[j]);
35
36
37
        for(int j=q;j<b;j++)</pre>
38
            printf("%d ",arr2[j]);
39
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