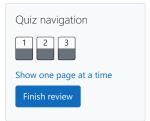
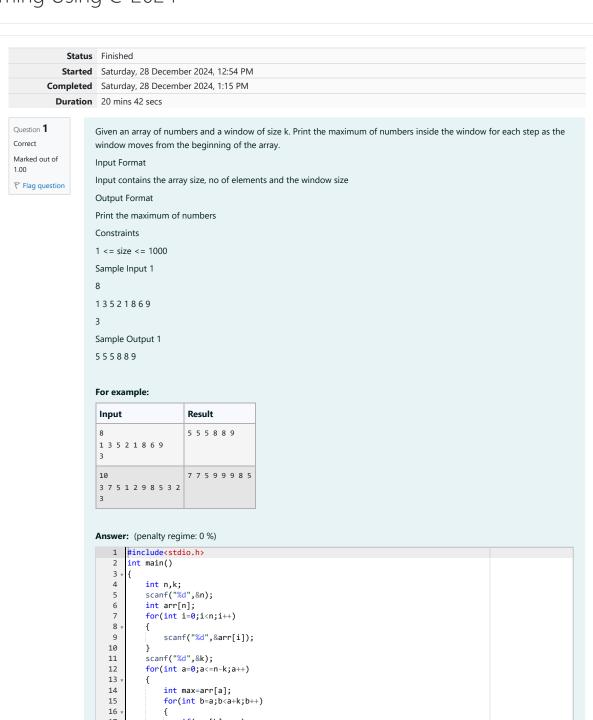
GE23131-Programming Using C-2024





3 v {	int n,k;	
5	scanf("%d",&n);	
6	<pre>int arr[n];</pre>	
7	<pre>for(int i=0;i<n;i++)< pre=""></n;i++)<></pre>	
8 *	{	
9	scanf("%d",&arr[i]);	
10	}	
11	scanf("%d",&k);	
12	for(int a=0;a<=n-k;a++)	
13 🔻	{	
14	<pre>int max=arr[a];</pre>	
15	<pre>for(int b=a;b<a+k;b++)< pre=""></a+k;b++)<></pre>	
16 🔻	{	
17	if(arr[b]>max)	
18 🔻	[
19	max=arr[b];	
20	}	
21	}	
22	<pre>printf("%d ",max);</pre>	
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 ${\bf 2}$ Correct Marked out of

Given an array and a threshold value find the output.

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

Throchold = 2

Output count = 17 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} 1 Input Format N - no of elements in an array Array of elements Threshold value Output Format Display the count

Sample Input 1

5 8 10 13 6 2

3 Sample Output 1

17

1.00

Flag question

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>
     int main()
3 🔻
         int n,t,count=0;
scanf("%d",&n);
int arr[n];
4
5
6
         for(int i=0;i<n;i++)</pre>
             scanf("%d",&arr[i]);
9
10
         scanf("%d",&t);
11
12
         for(int j=0;j<n;j++)</pre>
14
              while(arr[j]>0)
15
                  arr[j]-=t;
16
17
                  count++;
18
19
         printf("%d",count);
20
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

For example:

Input	R	es	ul	t				
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 ,
 4
           int a,b;
           scanf("%d",&a);
 5
          scant( "%d", %a);
int arr1[a];
for(int i=0;i<a;i++)
scanf( "%d", &arr1[i]);
scanf( "%d", &b);</pre>
 6
 8
10
           int arr2[b];
          for(int i=0;i<b;i++)
scanf("%d",&arr2[i]);
int p=0,q=0;
while((p<a)&&(q<b))</pre>
11
12
13
14
15
16
                 if(arr1[p]<arr2[q])</pre>
17
                      printf("%d ",arr1[p]);
18
19
                      p++;
20
21
                 else if(arr1[p]>arr2[q])
22
                      printf("%d ",arr2[q]);
23
24
                      q++;
25
26
                 else
27
                 {
                     printf("%d ",arr1[p]);
28
                     p++;
q++;
29
30
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