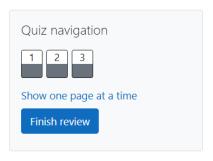
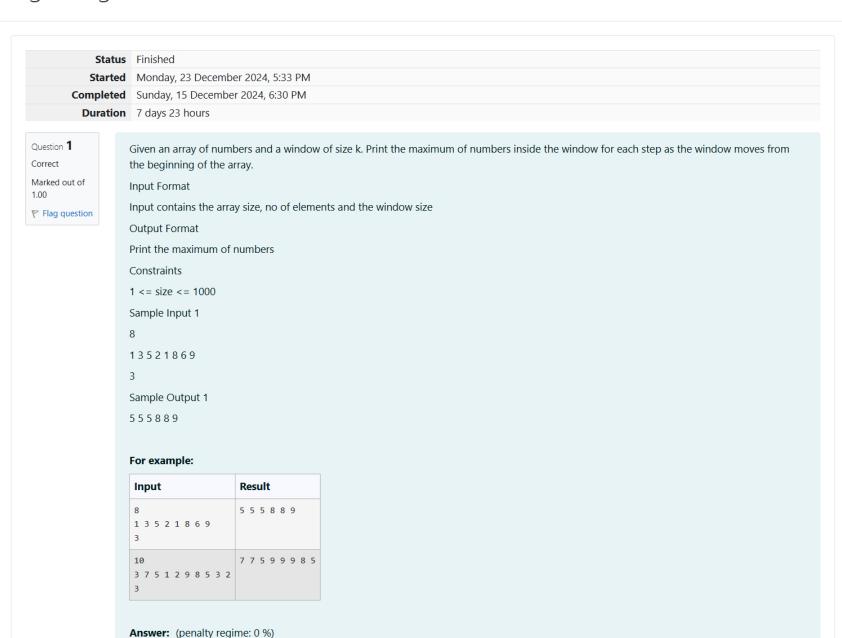
GE23131-Programming Using C-2024





1 #includecstdio h>

```
2
    int main()
 3 ,
 4
        int n,k;
        scanf("%d",&n);
 5
        int arr[n];
 6
        for(int i=0;i<n;i++)</pre>
 7
 8
            scanf("%d",&arr[i]);
 9
10
        scanf("%d",&k);
11
        for(int a=0;a<=n-k;a++)</pre>
12
13
            int max=arr[a];
14
            for(int b=a;b<a+k;b++)</pre>
15
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 ${f 2}$

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:

10

 Number
 Parts
 Counts

 5
 {3,2}
 2

 8
 {3,3,2}
 3

(2 2 2 1)

```
IU
        11,0,0,15
13
         {3,3,3,3,1}
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 int main()
3 ₹ {
        int n,t,count=0;
 4
        scanf("%d",&n);
 5
        int arr[n];
 6
 7
        for(int i=0;i<n;i++)</pre>
 8 ,
 9
            scanf("%d",&arr[i]);
10
11
        scanf("%d",&t);
        for(int j=0;j<n;j++)</pre>
12
13 1
            while(arr[j]>0)
14
15 🔻
```

```
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

24510

Sample Output 1

123456910

For example:

. .

```
ınpuι
          Kesuit
5
          1 2 3 4 5 6 9 10
1 2 3 6 9
2 4 5 10
```

```
Answer: (penalty regime: 0 %)
      #include<stdio.h>
   2
       int main()
   3 1
   4
           int a,b;
   5
           scanf("%d",&a);
           int arr1[a];
   6
   7
           for(int i=0;i<a;i++)</pre>
           scanf("%d",&arr1[i]);
   8
   9
           scanf("%d",&b);
  10
           int arr2[b];
  11
           for(int i=0;i<b;i++)</pre>
           scanf("%d",&arr2[i]);
  12
  13
           int p=0,q=0;
           while((p<a)&&(q<b))</pre>
  14
  15
               if(arr1[p]<arr2[q])</pre>
  16
  17
                   printf("%d ",arr1[p]);
  18
  19
                   p++;
  20
  21
               else if(arr1[p]>arr2[q])
  22
                   printf("%d ",arr2[q]);
  23
  24
  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
  35
               printf("%d ",arr1[j]);
  36
           for(int j=q;j<b;j++)</pre>
  37
  38
               printf("%d ",arr2[j]);
  39
  40
  41
```

