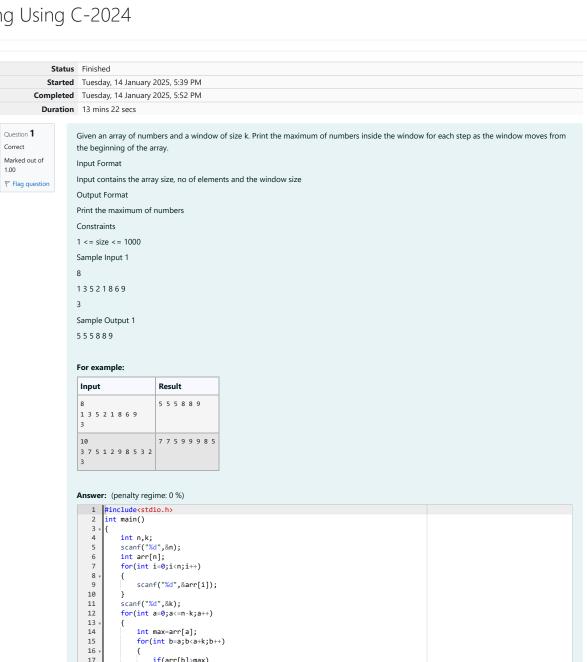
GE23131-Programming Using C-2024







Question 2
Correct
Marked out of 1.00
F 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

| Lxpianati | | | |
|-----------|-------------|---|-------|
| Number | Parts | | Count |
| 5 | {3,2} | 2 | |
| 8 | {3,3,2} | 3 | |
| 10 | {3,3,3,1} | 4 | |
| 13 | {3,3,3,3,1} | 5 | |
| 6 | (2.2) | 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 %)

Question **3**Correct
Marked out of 1.00

F 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()
               int a,b;
scanf("%d",&a);
int arr1[a];
for(int i=0;i<a;i++)</pre>
                     scanf("%d",&arr1[i]);
10 11 12 13 14 15 16 17 , 18 19 , 20 21 22 23 24 , 25 26 27 28 29 , 30 31 32 33 34 35 36 , 37 37 38 39 40 , 41 42 43 }
               }
scanf("%d",&b);
int arr2[b];
for(int i=0;i<b;i++)
scanf("%d",&arr2[i]);
int are 0.00;</pre>
               int p=0,q=0;
while(p<a&&q<b)
{
                      if(arr1[p]<arr2[q])</pre>
                            printf("%d ",arr1[p]);
                      else if(arr1[p]>arr2[q])
{
                            printf("%d ",arr2[q]);
                             q++;
                      }
else
                            printf("%d ",arr1[p]);
                            p++;
q++;
                for(int j=p;j<a;j++)</pre>
                     printf("%d ",arr1[j]);
                for(int j=q;j<b;j++)</pre>
                      printf("%d ",arr2[j]);
```

| | 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! ✓