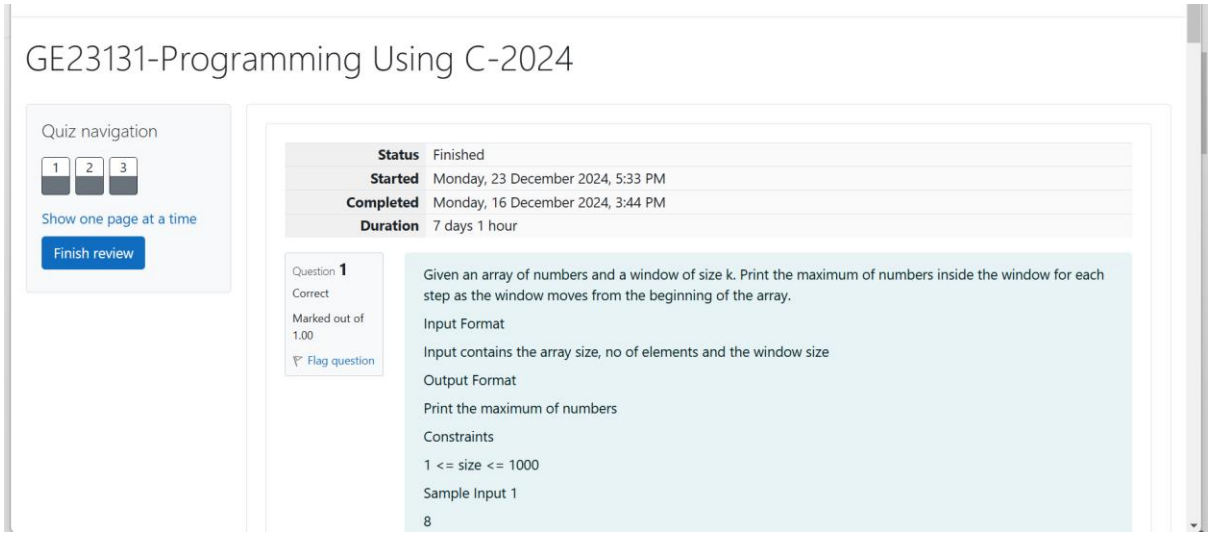

1 3 5 2 1 8 6 9

3

Sample Output 1

5 5 5 8 8 9

For example:

Input	Result
8 1 3 5 2 1 8 6 9 3	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

Answer: (penalty regime: 0 %)

```
#include<stdio.h>
int main()
{
    int n,k;
    scanf("%d",&n);
    int arr[n];
    for(int i=0;i<n;i++)
```

```
    {
        scanf("%d",&arr[i]);
    }
    scanf("%d",&k);
    for(int a=0;a<=n-k;a++)
    {
        int max=arr[a];
        for(int b=a;b<a+k;b++)
        {
            if(arr[b]>max)
            {
                max=arr[b];
            }
        }
        printf("%d ",max);
    }
}
```

	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:

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	33

Answer: (penalty regime: 0 %)

```
#include<stdio.h>
int main()
{
    int n,t,count=0;
    scanf("%d",&n);
    int arr[n];
    for(int i=0;i<n;i++)
    {
        scanf("%d",&arr[i]);
    }
    scanf("%d",&t);
    for(int j=0;j<n;j++)
    {
        while(arr[j]>0)
        {
            arr[j]-=t;
            count++;
        }
    }
    printf("%d",count);
}
```

	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

1 2 3 6 9

4

2 4 5 10

Sample Output 1

1 2 3 4 5 6 9 10

For example:

Input	Result
5 1 2 3 6 9 4 2 4 5 10	1 2 3 4 5 6 9 10

Answer: (penalty regime: 0 %)

```
1 #include<stdio.h>
2 int main()
3 {
```

```c
{
    int a,b;
    scanf("%d",&a);
    int arr1[a];
    for(int i=0;i<a;i++)
    scanf("%d",&arr1[i]);
    scanf("%d",&b);
    int arr2[b];
    for (int i=0;i<b;i++)
    scanf("%d",&arr2[i]);
    int p=0,q=0;
    while((p<a)&&(q<b))
    {
        if(arr1[p]<arr2[q])
        {
            printf("%d ",arr1[p]);
            p++;
        }
        else if(arr1[p]>arr2[q])
        {
            printf("%d ",arr2[q]);
            q++;
        }
        else
        {
            printf("%d ",arr2[q]);
            p++;
            q++;
        }
    }
    for(int j=p;j<a;j++)
    {
        printf("%d ",arr1[j]);
    }
    for (int j=q;j<b;j++)
    {
        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! ✓

Finish review