

Question 1

[Revisit Later](#)

How to Attempt?

Decreasing sequence: Given an integer array, find the number of decreasing sequences in the array and the length of its longest decreasing sequence.

You are expected to complete the logic within the given function, where,

input1 represents the integer array and,

input2 represents the number of elements in the integer array

The function should set the **output1** variable to the number of decreasing sequences in the array, and set the **output2** variable to the length of the longest decreasing sequence in the array.

Example 1:

If **input1** = {11,3,1,4,7,8,12,2,3,7}

and **input2** = 10

output1 should be 2

output2 should be 3

Explanation:

In the given array **input1**, the decreasing sequences are "11,3,1" and "12,2", i.e. there

Attempted: 1/1

0/6 - Graded Test Cases Failed

✓ TC 6

✓ TC 5

✓ TC 4

✓ TC 3

✓ TC 2

✓ TC 1

Overall Summary

40 Marks Scored
out of 40

100 % **100 percentile**
out of 73279 Test Takers

6m 17s Time taken
of 1hr 20mins

Marks Scored



Attempt Summary

Distribution of questions attempted in a total of 1 question(s).



This shows the correctness of questions attempted
by the test taker

Correct	1 Ques	40/40 Marks
Incorrect	0 Ques	0/0 Marks
Partially Correct	0 Ques	0/0 Marks
Not Attempted	0 Ques	0/0 Marks

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24 Attempted: 1/1

25

```
for (int i = 0; i < input2 - 1; i++) {
```

☐ Use Custom Input

i

Compile and Test

Submit Code

Code Execution Code History

0/3 - Sample Test Cases Failed

✓ default3



✓ default2



✓ default

