Online Test 1, Question 6

Due on 2019-09-26, 11:30 IST

Instructions

This is the first of two online programming tests.

- These tests account for 25% of the total evaluation for the course.
- The duration of the test is 2 hours.
- The first test will be from 9:30-11:30 am and the second from 8:00-10:00 pm, on Thursday, 26 September 2019.
- You can attempt either of the tests. The best score will be counted..

Question 6

Write a Python function `subsequence(l1,l2)` that takes two **sorted** lists as arguments and returns `True` if the the first list is a subsequence of the second list, and returns `False` otherwise.

A subsequence of a list is obtained by dropping some values. Thus, `[2,3,4]` and `[2,2,5]` are subsequences of `[2,2,3,4,5]`, but `[2,4,4]` and `[2,4,3]` are not.

Sample Test Cases

	Input	Output
Test Case 1	`subsequence([2,2,5],[2,2,3,4,5])`	`True`
Test Case 2	`subsequence([2,3,4],[2,2,3,4,5])`	`True`
Test Case 3	`subsequence([2,4,4],[2,2,3,4,5])`	`False`
Test Case 4	`subsequence([2,4,6],[2,2,3,4,5])`	`False`
Test Case 5	`subsequence([2,2,5],[2,2,3,4,5])`	`True`
Test Case 6	`subsequence([2,4,4],[2,2,3,4,5])`	`False`

Due Date Exceeded.
As per our records you have not submitted this assignment.

Week 8: Dynamic programming, wrap-up

Week 8 Programming Assignment

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Online Programming Test - Sample

Online Programming Test 1, 26 Sep 2019, 09:30-11:30

- Online Test 1, Question 1 (/noc19_cs40/progassignment?name=113)
- Online Test 1, Question 2 (/noc19_cs40/progassignment?name=114)
- Online Test 1, Question 3 (/noc19_cs40/progassignment?name=115)
- Online Test 1, Question 4 (/noc19_cs40/progassignment?name=116)
- Online Test 1, Question 5 (/noc19_cs40/progassignment?name=117)
- **Online Test 1, Question 6 (/noc19_cs40/progassignment?name=118)**

- Online Test 1, Question 7 (/noc19_cs40/progassignment?name=119)
- Online Test 1, Question 8 (/noc19_cs40/progassignment?name=120)