Online Test 1 Question 4

Due on 2020-12-01, 12:00 IST

Question 4

A list is a non-decreasing if each element is at least as big as the preceding one. For instance `[]`, `[7]`, `[8,8,11]` and `[3,19,44,44,63,89]` are non-decreasing, while `[3,18,4]` and `[23,14,3,14,3,23]` are not. Here is a recursive function to check if a list is non-decreasing. You have to fill in the missing argument for the recursive call.

```
def nondecreasing(l):
  if l==[] or len(l) == 1:
    return(True)
  else:
    return(...)
```

Open up the code submission box below and fill in the missing argument for the recursive call.

Sample Test Cases

	Input	Output
Test Case 1	`nondecreasing([17])`	`True`
Test Case 2	`nondecreasing([])`	`True`
Test Case 3	`nondecreasing([3,19,44,44,63,89])`	`True`
Test Case 4	`nondecreasing([23,14,3,14,3,23])`	`False`

Test Case 5	`nondecreasing([8,8,11])`	`True`
Test Case 6	`nondecreasing([3,18,4])`	`False`

The due date for submitting this assignment has passed.
As per our records you have not submitted this assignment.

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Online Programming Test 2, 01 Dec 2020, 20:00-22:00 ()

Online Programming Test 1, 09 Mar 2021, 10:00-12:00 ()

Online Programming Test 2, 09 Mar 2021, 20:00-22:00 ()