12371 - LAB 06

Instructions

1. Access the auto-grader at https://c200.luddy.indiana.edu
2. Please write the code for the problems in python language
3. The code should be readable with variables named meaningfully
4. Plagiarism is unacceptable and we have ways to find it, so do not do it
5. Don't change the function signature (name of the function and number and types of arguments) provided in this file.
6. Once you pass all the tests on the auto grader, show your work to the teaching assistant

Problem

Question

In the depths of Monarch's research facility, two dedicated scientists, Dr. Rebecca Andrews and Professor Yuji Tanaka, have uncovered ancient scrolls chronicling the legendary battles between Godzilla, the mighty alpha titan, and Kong, the formidable protector of Skull Island.

The scrolls are laid out in a linear sequence, with each position symbolizing the significance of the respective showdown. The significance of each event is measured by the depth of impact it had on the course of history. A "turning point" occurs when a scroll representing a lesser momentous occasion precedes one that signifies a greater shift in the legendary saga.

Your mission is to aid Dr. Andrews and Professor Tanaka in tallying the number of turning points within the sequence of scrolls, unveiling the intricacies of the ancient rivalry between Godzilla and Kong.

Test cases

Input: scrolls = [30, 20, 40, 25, 35]
Output: 3
Explanation:
In this arrangement of scrolls, the following turning points can be observed:
(30, 20)
(40, 25)
(40, 35)

Function signature

```
def count_turning_points(scrolls):
    # Your implementation here
```