

08/29 : Climbing the Leaderboard

Problem

An arcade game player wants to climb the top of the leaderboard and track their ranking. The game uses **Dense Ranking**, so its leaderboard works like this:

- The player with the highest score is ranked number 1 on the leaderboard.
- Players who have equal scores receive the same ranking number, and the next player(s) receive the immediately following ranking number.

Example

```
ranked = [100, 90, 90, 80]
player = [70, 80, 105]
```

The ranked players will have ranks 1, 2, 2, and 3, respectively. If the player's scores are 70, 80 and 105, their rankings after each game are 4th, 3rd and 1st. Return [4, 3, 1].

Function Description

Complete the climbingLeaderboard function in the editor below.

climbingLeaderboard has the following parameter(s):

- int ranked[n]: the leaderboard scores
- int player[m]: the player's scores

Returns

- int[]: the player's rank after each new score

Input Format

The first line contains an integer **n**, the number of players on the leaderboard.

The next line contains **n** space-separated integers **ranked[i]**, the leaderboard scores in decreasing order.

The next line contains an integer **m**, the number games the player plays.

The last line contains **m** space-separated integers **player[j]**, the game scores.

Constraints

```
50 ranked = list(map(int, input().rstrip().split()))
51
52 player_count = int(input().rstrip())
53
54 player = list(map(int, input().rstrip().split()))
55
56 result = climbingLeaderboard(ranked, player)
```

Line: 29 Col: 19

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Test Cases

- Test case 6
- Test case 7
- Test case 8
- Test case 9
- Test case 0
- Test case 1
- Test case 2

Compiler Message

Time limit exceeded

Your code did not execute within the time limits. Please optimize your code. For more information on execution time limits, refer to the [environment](#) page

Hidden Test Case

Unlock this testcase for 5 hacks.

Unlock