

Problem 739: Daily Temperatures

Problem Information

Difficulty: Medium

Acceptance Rate: 67.93%

Paid Only: No

Tags: Array, Stack, Monotonic Stack

Problem Description

Given an array of integers `temperatures` represents the daily temperatures, return _an array_ `answer` _such that_ `answer[i]` _is the number of days you have to wait after the_ `ith` _day to get a warmer temperature_. If there is no future day for which this is possible, keep `answer[i] == 0` instead.

Example 1:

Input: temperatures = [73,74,75,71,69,72,76,73] **Output:** [1,1,4,2,1,1,0,0]

Example 2:

Input: temperatures = [30,40,50,60] **Output:** [1,1,1,0]

Example 3:

Input: temperatures = [30,60,90] **Output:** [1,1,0]

Constraints:

* `1 <= temperatures.length <= 105` * `30 <= temperatures[i] <= 100`

Code Snippets

C++:

```
class Solution {  
public:  
vector<int> dailyTemperatures(vector<int>& temperatures) {  
  
}  
};
```

Java:

```
class Solution {  
public int[] dailyTemperatures(int[] temperatures) {  
  
}  
}
```

Python3:

```
class Solution:  
def dailyTemperatures(self, temperatures: List[int]) -> List[int]:
```