739. Daily Temperatures

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* i^{th} *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 <= 10^5
- 30 <= temperatures[i] <= 100

```
class Solution {
public:
    vector<int> dailyTemperatures(vector<int>& temperatures) {
        vector<int> ans(temperatures.size(),0);
        stack<int> st;

        for(int i=0;i<temperatures.size();++i){
            while(!st.empty() && temperatures[i] >
temperatures[st.top()]){
                int idx = st.top();
                st.pop();
                ans[idx] = i-idx;
            }
            st.push(i);
        }
        return ans;
    }
};
```