**75 Days of Code**
**Day 74**
**Problem no  : Leetcode 739**
**Problem Title . 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 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]

```typescript
// 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]

function dailyTemperatures(temperatures: number[]): number[] {
    const len = temperatures.length;
    const result:number[] = new Array(len).fill(0);
    const stack:number[] = [] ;

    for(let i=0;i<len;i++){
        while( stack.length>0 && temperatures[i]>temperatures[stack[stack.length-1]] ){
            const j = stack.pop()
            result[j] = i-j;
        }
        stack.push(i)
    }
    return result;
};
```

✓ Accepted

Runtime                          Details

**219** ms

Beats 69.03% of users with TypeScript

Memory

**66.02** MB

Beats 75.83% of users with TypeScript