DAILY TEMPERATURES

```java
class Solution
{
    public int[] dailyTemperatures(int[] temperatures)
    {
        Stack<Integer> stack = new Stack<>();
        int n=temperatures.length;
        int[] res = new int[temperatures.length];
        for (int i = 0; i < n; i++)
        {
            while (!stack.isEmpty() && temperatures[stack.peek()] < temperatures[i])
            {
                int prev = stack.pop();
                res[prev] = i - prev;
            }
            stack.push(i);
        }
        return res;
    }
}
```