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**Stock Span Problem**

# **Problem Statements :**

You are given an array of length N, where ith element of array denotes the price of a stock on . Find the span of stock's price on day, for every 1<=i<=N.

A span of a stock's price on a given day, i, is the maximum number of consecutive days before the day, for which stock's price on these days is less than or equal to that on the ith day.

# **Input Format :**

First line contains the number of test cases, T. For each test case, first line contains a single integer N, denoting the number of days. Next line contains N integers, of which denotes the stock's price on day.

# **Constraints :**

1<=T<=10  
1<=N<=10^5  
1<=Stock's price<=10^9

# **Output Format :**

Print a single line containing N integers. integer denotes the stock span for the day.

# **Sample Input :**

1  
5  
1 2 4 3 5

**Sample Output :**

1 2 3 1 5

**Explanation :**

None

**Time Limit :**

**none**