Maria plays college basketball and wants to go pro. Each season she maintains a record of her play. She tabulates the number of times she breaks her season record for most points and least points in a game. Points scored in the first game establish her record for the season, and she begins counting from there.

Example

$scores = [12, 24, 10, 24]$

Scores are in the same order as the games played. She tabulates her results as follows:

				Count	
Game	Score	Minimum	Maximum	Min	Max
0	12	12	12	0	0
1	24	12	24	0	1
2	10	10	24	1	1
3	24	10	24	1	1

Given the scores for a season, determine the number of times Maria breaks her records for most and least points scored during the season.

Function Description

Complete the breakingRecords function in the editor below.

breakingRecords has the following parameter(s):

- int scores[n]: points scored per game

Returns

- int[2]: An array with the numbers of times she broke her records. Index 0 is for breaking most points records, and index 1 is for breaking least points records.

Input Format

The first line contains an integer n, the number of games.

The second line contains n space-separated integers describing the respective values of $score_0, score_1, \ldots, score_{n-1}$.

Constraints

- $1 \leq n \leq 1000$
- $0 \leq scores[i] \leq 10^8$

```python
#!/bin/python3

import math
import os
import random
import re
import sys

#
# Complete the 'breakingRecords' function below.
#
# The function is expected to return an INTEGER_ARRAY.
# The function accepts INTEGER_ARRAY scores as parameter.
#

def breakingRecords(scores):
    # Write your code here
    result = [0, 0]

    # first game
    min_max = [scores[0], scores[0]]

    for ele in scores[1:]:
        cur_min = min_max[0]
        cur_max = min_max[1]

        min_max[0] = min(cur_min, ele)
        min_max[1] = max(cur_max, ele)

        if min_max[0] != cur_min: result[0] += 1
        if min_max[1] != cur_max: result[1] += 1

    result.reverse()
    return result
```

Line: 42 Col: 5

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Congratulations

You solved this challenge. Would you like to challenge your friends?

Test case 0
Test case 1
Test case 2
Test case 3

Compiler Message

```
Success
```

Input (stdin) Download

```
9
10 5 20 20 4 5 2 25 1
```