

Breaking the Records

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:

Game	Score	Minimum	Maximum	Count	
				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, ..., *score*_{*n*-1}.

Constraints

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