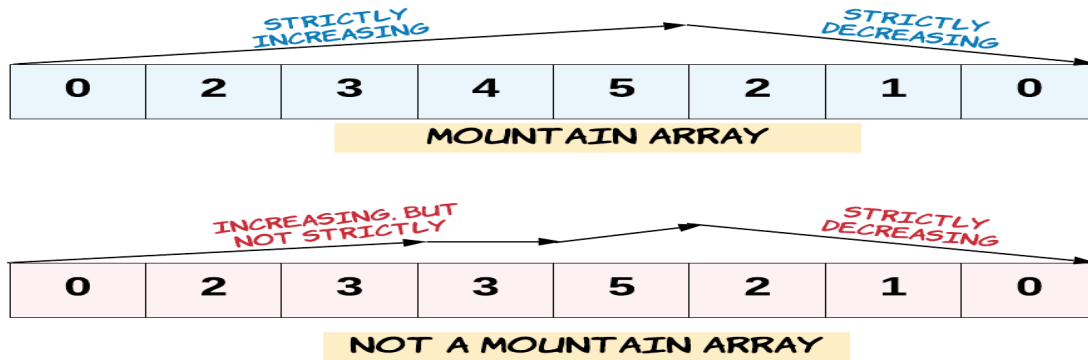


Given an array of integers `arr`, return *true* if and only if it is a valid mountain array.

Recall that `arr` is a mountain array if and only if:

- `arr.length >= 3`
- There exists some `i` with  $0 < i < arr.length - 1$  such that:
  - `arr[0] < arr[1] < ... < arr[i - 1] < arr[i]`
  - `arr[i] > arr[i + 1] > ... > arr[arr.length - 1]`



**Example 1:**

**Input:** `arr = [2,1]`

**Output:** false

**Example 2:**

**Input:** `arr = [3,5,5]`

**Output:** false

**Example 3:**

**Input:** `arr = [0,3,2,1]`

**Output:** true

**Constraints:**

- $1 \leq arr.length \leq 10^4$
- $0 \leq arr[i] \leq 10^4$

Accepted

353.3K

Submissions

1.1M

Acceptance Rate

33.4%