

Valid Mountain Array

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class Solution {
    public boolean validMountainArray(int[] arr) {
        int n = arr.length;
        if (n < 3) return false;

        int i = 0;
        while (i + 1 < n && arr[i] < arr[i + 1]) {
            i++;
        }
        if (i == 0 || i == n - 1) {
            return false;
        }
        while (i + 1 < n && arr[i] > arr[i + 1]) {
            i++;
        }
        return i == n - 1;
    }
}
```