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**FW: Is Monotonic**

1 message

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Thu, Aug 3, 2023 at 6:09 AM

**From:** Daily Byte  
**Sent:** Thursday, August 3, 2023 6:09:25 AM (UTC-08:00) Pacific Time (US & Canada)  
**To:** William Ting  
**Subject:** Is Monotonic

## The Daily Byte

Good morning,

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### Today's Byte

This question is asked by Facebook. Given an array `nums`, return whether or not its values are monotonically increasing or monotonically decreasing.

Note: An array is monotonically increasing if for all values

`i <= j`,  
`nums[i] <= nums[j]`. Similarly an array is monotonically decreasing if  
for all values

`i <= j`,  
`nums[i] >= nums[j]`.

Ex: Given the following array

`nums ...`

`nums = [1, 2, 3, 4, 4, 5], return true.`

Ex: Given the following array

nums ...

```
nums = [7, 6, 3], return true.
```

Ex: Given the following array

nums ...

```
nums = [8, 4, 6], return false.
```

Thanks,

The Daily Byte

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