From: Daily Coding Problem Sent: 28 October 2019 21:07 To: sohail47k@gmail.com

Subject: Daily Coding Problem: Problem #33 [Easy]



Good morning! Here's your coding interview problem for today.

This problem was asked by Microsoft.

Compute the running median of a sequence of numbers. That is, given a stream of numbers, print out the median of the list so far on each new element.

Recall that the median of an even-numbered list is the average of the two middle numbers.

For example, given the sequence [2, 1, 5, 7, 2, 0, 5], your algorithm should print out:

```
2
1.5
2
3.5
2
2
2
```

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