

# SAC '22 Code Challenge 5 P2 - Querying Extensions

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**Time limit:** 1.0s   **Memory limit:** 256M

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After looking at a truck with  $N$  extensions, Max realized that every second extension would move in the same direction (either `left` or `right`) when the vehicle swayed.

With this knowledge, Max wanted to figure out the direction the  $N^{\text{th}}$  extension would sway.

Can you help him?

## Constraints

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### Subtask 1 [50%]

$$1 \leq N \leq 10$$

### Subtask 2 [50%]

$$1 \leq N \leq 10^9$$

## Input Specification

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The first line will contain an integer,  $N$ , the truck's number of extensions.

The second line will contain either `left` or `right`, representing the direction that the first extension sways.

## Output Specification

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Output either `left` or `right` depending on the direction the  $N^{\text{th}}$  extension will sway.

## Sample Input 1

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```
2
left
```

## Sample Output 1

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```
right
```

## Sample Input 2

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15  
right

## Sample Output 2

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right