

UWPC

Question 19

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You are given an integer array `nums`. You are initially positioned at the array's first index, and each element in the array represents your **maximum** jump length at that position.

Return `true` if you can reach the last index, or `false` otherwise.

Input

- A single line containing a series of integers separated by spaces, representing the array `nums`. Each number in the array is the maximum jump length at that position.

Output

- `true` if it's possible to reach the last index of the array.
- `false` otherwise.

Sample 1

Input

```
2 3 1 1 4
```

Output

```
true
```

Explanation: Jump 1 step from index 0 to 1, then 3 steps to the last index.

Sample 2

Input

```
3 2 1 0 4
```

Output

```
false
```

Explanation: You will always arrive at index 3 no matter what. Its maximum jump length is 0, which makes it impossible to reach the last index.