

Description

Solution

Discuss (999+)

Submissions

Java

Autocomplete

326. Power of Three

Easy

1029

128

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Given an integer `n`, return `true` if it is a power of three. Otherwise, return `false`.

An integer `n` is a power of three, if there exists an integer `x` such that `n == 3x`.

Example 1:

Input: `n = 27`
Output: `true`

Example 2:

Input: `n = 0`
Output: `false`

Example 3:

Input: `n = 9`
Output: `true`

Constraints:

- `-231 <= n <= 231 - 1`

Follow up: Could you solve it without loops/recursion?

Accepted 474,511

Submissions 1,087,582

Seen this question in a real interview before?

Yes

No

Companies

```
1 class Solution {
2     public boolean isPowerOfThree(int n) {
3         return n > 0 && 1162261467 % n == 0;
4     }
5 }
```

Testcase

Run Code Result

Debugger

Accepted

Runtime: 0 ms

Your input

27

Output

true

Diff

Expected

true