

Power of Two - LeetCode

笔记本: leetcode

创建时间: 2024/10/24 15:09

更新时间: 2024/10/24 15:10

URL: <https://leetcode.com/problems/power-of-two/>

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

An integer n is a power of two, if there exists an integer x such that $n == 2^x$.

Example 1:

Input: $n = 1$

Output: true

Explanation: $2^0 = 1$

Example 2:

Input: $n = 16$

Output: true

Explanation: $2^4 = 16$

Example 3:

Input: $n = 3$

Output: false

Constraints:

- $-2^{31} \leq n \leq 2^{31} - 1$

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

