**231. Power of Two**

Easy

1246215Add to ListShare

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 == 2x.

**Example 1:**

**Input:** n = 1

**Output:** true

**Explanation:** 20 = 1

**Example 2:**

**Input:** n = 16

**Output:** true

**Explanation:** 24 = 16

**Example 3:**

**Input:** n = 3

**Output:** false

**Example 4:**

**Input:** n = 4

**Output:** true

**Example 5:**

**Input:** n = 5

**Output:** false