Power of 2 \square

Basic Accuracy: 50.29% Submissions: 30878 Points: 1

Given a non-negative integer **N**. The task is to check if N is a power of **2**. More formally, check if **N** can be expressed as 2^x for some x.

Example 1:

```
Input: N = 1
Output: true
Explanation:
1 is equal to 2 raised to 0 (2^0 = 1).
```

Example 2:

```
Input: N = 98
Output: false
Explanation:
98 cannot be obtained by any power of 2.
```

Your Task: Your task is to complete the function **isPowerofTwo()** which takes **n** as a parameter and returns **true or false** by **checking** is given number can be represented as a power of two or not.

Expected Time Complexity: O(log N). Expected Auxiliary Space: O(1).

Constraints:

 $0 \le N \le 10^{18}$

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