342. Power of Four

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Given an integer (signed 32 bits), write a function to check whether it is a power of 4.

Example:

Given num = 16, return true. Given num = 5, return false.

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

Credits:

Special thanks to @yukuairoy (https://leetcode.com/discuss/user/yukuairoy) for adding this problem and creating all test cases.

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Python ▾   ⟳   </>

```python
1   class Solution(object):
2       def isPowerOfFour(self, num):
3           """
4           :type num: int
5           :rtype: bool
6           """
7
8           while num>=1:
9               if num%4==0:
10                  num=num//4
11              else:
12                  break
13          return num==1
```

Custom Testcase ☐

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