263. Ugly Number   [Add to List ▾]

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Total Accepted: **87027**   Total Submissions: **226374**   Difficulty: **Easy**   Contributors: **Admin**

Write a program to check whether a given number is an ugly number.

Ugly numbers are positive numbers whose prime factors only include `2, 3, 5`. For example, `6, 8` are ugly while `14` is not ugly since it includes another prime factor `7`.

Note that `1` is typically treated as an ugly number.

Credits:

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

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```python
class Solution(object):
    def isUgly(self, num):
        """
        :type num: int
        :rtype: bool
        """
        rem=[0]*3
        while rem[0]==0 or rem[1]==0 or rem[2]==0:
            if num==1:
                return True
                break
            elif num==0:
                return False
                break
            else:
                rem[0]=num%2
                rem[1]=num%3
```

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```
18              rem[2]=num%5
19              if rem[0]==0:
20                  num=num/2
21              if rem[1]==0:
22                  num=num/3
23              if rem[2]==0:
24                  num=num/5
```

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