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import math
class Solution(object):
    def isArmstrong(self, N):
        total = 0 # Keep track of the sum for each digit to the power of k

        # Calculate k
        # One method of calculating k is to convert N to a string and then get the length of that.
        # This second method is from this: https://brilliant.org/wiki/finding-digits-of-a-number/
        # It's a pretty useful and interesting formula.
        k = math.floor(math.log10(N)) + 1

        # Create a copy of N so that we can compare the total to N without modifying its original value.
        c = N
        while c: # Terminates when c is 0
            digit = c % 10 # Extract the digit
            total += digit ** k
            c //= 10

        return total == N
```

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Great answer. Thanks for posting!