

Description

Solution

Submissions

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1134. Armstrong Number

Easy

 48

 7

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The k -digit number N is an Armstrong number if and only if the k -th power of each digit sums to N .

Given a positive integer N , return true if and only if it is an Armstrong number.

Example 1:

Input: 153

Output: true

Explanation:

153 is a 3-digit number, and $153 = 1^3 + 5^3 + 3^3$.

Example 2:

Input: 123

Output: false

Explanation:

123 is a 3-digit number, and $123 \neq 1^3 + 2^3 + 3^3 = 36$.

Note:

1. $1 \leq N \leq 10^8$

Accepted 10,466

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Seen this question in a real interview before?

Yes

No

Contributor

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