Check Armstrong

Write a Program to determine if the given number is Armstrong number or not. Print true if number is armstrong, otherwise print false.

An Armstrong number is a number (with digits n) such that the sum of its digits raised to nth power is equal to the number itself.

For example,

371, as 3^3 + 7^3 + 1^3 = 371
1634, as 1^4 + 6^4 + 3^4 + 4^4 = 1634

Input Format :

Integer n

Output Format :

true or false

Sample Input 1 :
1

Sample Output 1 :
true

Sample Input 2 :
103

Sample Output 2 :
false