REC-CIS

GE23131-Programming Using C-2024

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Status	Finished
Started	Monday, 23 December 2024, 5:33 PM
Completed	Tuesday, 10 December 2024, 9:27 AM
Duration	13 days 8 hours

Question **1**

Correct

Marked out of 3.00

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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:

Example 3:

Input:

1634

Output:

true

Note:

1 <= N <= 10^8

Answer: (penalty regime: 0 %)

	Input	Expected	Got	
	153	true	true	
	123	false	false	

Passed all tests!

REC-CIS

Marked out of
5.00

☐⚑ Flag
question

Answer: (penalty regime: 0 %)

	Input	Expected	Got	
	32	55	55	
	789	66066	66066	

Passed all tests!

Question **3**

Correct

Marked out of
7.00

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question

A number is considered lucky if it contains either 3 or 4 or 3 and 4 both in it. Write a program to print the nth lucky number. Example, 1st lucky number is 3, and 2nd lucky number is 4 and 3rd lucky number is 33 and 4th lucky number is 34 and so on. Note that 13, 40 etc., are not lucky as they have other numbers in it.

The program should accept a number 'n' as input and display the nth lucky number as output.

Sample Input 1:

3

Sample Output 1:

33

Explanation:

Sample Input 2:

34

Sample Output 2:

33344

Answer: (penalty regime: 0 %)

	Input	Expected	Got	
	34	33344	33344	

Passed all tests!

Save the state of the flags

Finish review