Check if a number is prime or Armstrong or both

Problem Submissions Leaderboard Discussions

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Given an integer number, find out if the number is prime or armstrong or both by making two separate functions to check for prime number and armstrong number respectively.

Input Format

Input contains one line giving the integer number.

Constraints

0<=n<=10000

Output Format

Output contains two lines.

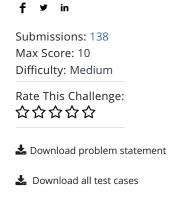
- 1. Given number is prime/not prime.
- 2. Given number is armstrong/not armstrong.

Sample Input 0

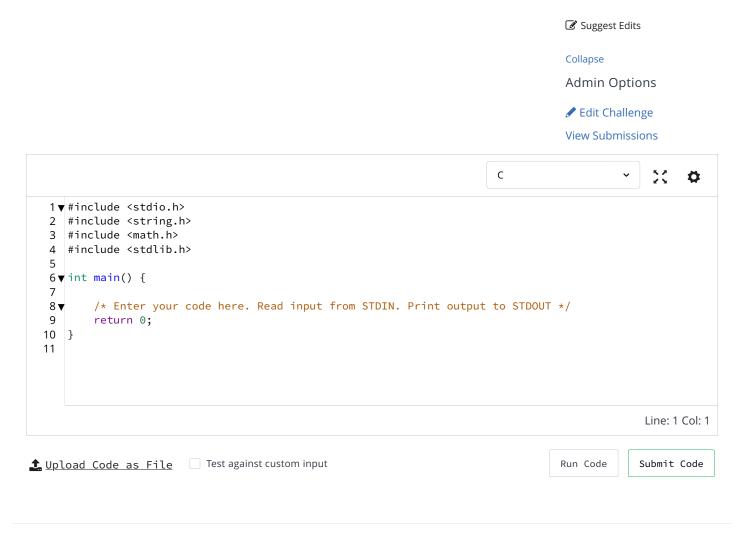
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Sample Output 0

Given number is not prime. Given number is armstrong.



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