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Check if a number is prime or Armstrong or both

 locked

Problem

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Leaderboard

Discussions

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

 $0 \leq n \leq 10000$

Output Format

Output contains two lines.

1. Given number is prime/not prime.

2. Given number is armstrong/not armstrong.

Sample Input 0

```
407
```

Sample Output 0

```
Given number is not prime.
Given number is armstrong.
```



  Submissions: [138](#)

Max Score: 10

Difficulty: Medium

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C

```
1▼ #include <stdio.h>
2  #include <string.h>
3  #include <math.h>
4  #include <stdlib.h>
5
6▼ int main() {
7
8▼     /* Enter your code here. Read input from STDIN. Print output to STDOUT */
9     return 0;
10 }
11
```

Line: 1 Col: 1

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