import java.io.\*;

import java.util.\*;

import java.text.\*;

import java.math.\*;

import java.util.regex.\*;

public class Solution {

public static void main(String[] args) {

Scanner sr = new Scanner(System.in);

int num = sr.nextInt();

if (num <= 1) {

System.out.println("Not Prime");

} else {

int count = 0;

for (int i = 2; i \* i <= num; i++) {

if (num % i == 0) {

count++;

break;

}

}

if (count == 0) {

System.out.println("Prime");

} else {

System.out.println("Not Prime");

}

}

}

}