// 41017805 郭玫均 資管二B

import java.io.\*;

public class Q1 {

public static void main (String args[]) {

Scanner sc = new Scanner (System.in);

int n = sc.nextInt();

for (int i = 2; i<n; i++) {

if (n% i ==0) {

System.out.println(n+“不是質數”);

}else {

System.out.println(n+“是質數”);

}

}

}

}