import java.util.Scanner;

public class Main{

public static void main(String[] args){

Scanner sc=new Scanner(System.in);

System.out.println("enter n:");

int n=sc.nextInt();

boolean check=false;

for (int i=2;i<n-1;i++){

if(n%i==0){

check= true;

}

}

if(check==true){

System.out.println("not a prime number");

}

else{

System.out.println("prime number");

}

}

}