import java.util.\*;

public class Main {

public static void main(String args[]) {

Scanner jk=new Scanner(System.in);

int n=jk.nextInt();

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

if(n%i==0){

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

break;

}

else{

System.out.println("Prime");

break;

}

}

}

}