import java.util.Scanner;

public class prime

{

public static boolean IsPrime(int num){

if(num<2){

return false;

}

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

if(num%i==0){

return false;

}

}

return true;

}

public static void main(String[] args) {

Scanner sc = new Scanner (System.in);

System.out.println("Enter a number: ");

int num = sc.nextInt();

boolean result= IsPrime(num);

if(result){

System.out.println(num+" is a prime number");

}else{

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

}

}

}

Enter a number:

33

33 is not a prime number

Enter a number:

7

7 is a prime number