import java.io.BufferedReader;

import java.io.IOException;

import java.io.InputStreamReader;

public class Bilangan\_Prima {

public static void main(String[] args) {

System.out.print("Masukkan batas bilangan prima yang akan dituliskan : ");

int batas = inputData();

prima(batas);

}

private static int inputData() {

BufferedReader bfr = new BufferedReader

(new InputStreamReader(System.in));

String angkaInput = null;

try {

angkaInput = bfr.readLine();

} catch (IOException e) {

}

int Data = Integer.valueOf(angkaInput).intValue();

return Data;

}

private static void prima(int batas) {

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

boolean isPrima = true;

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

if(i%j==0){

isPrima = false;

break;

}

}

if(isPrima==true){

System.out.println(i);

}

}

}

}