package bt6;

import java.util.Scanner;

public class Bt6 {

public static boolean isPrimeNumber(int n) {

if (n < 2) {

return false;

}

int squareRoot = (int) Math.sqrt(n);

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

if (n % i == 0) {

return false;

}

}

return true;

}

public static void main(String[] args) {

Scanner bt=new Scanner (System.in);

try{

System.out.println("Nhap n =");

int n=bt.nextInt();

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

if (isPrimeNumber(i))

{

System.out.println(i);

}

} catch(Exception e)

{

System.out.println("Loi nhap!!");

}

}

}