import java.util.Scanner;

public class Task01

{

public static void main(String[] args)

{

Scanner scanner = new Scanner (System.in);

System.out.println("Please enter car name:");

String car = scanner.next();

System.out.println("Please entr quantity:");

int quantity = scanner.nextInt();

int x = 0;

while (x < quantity){

System.out.println( car );

x += 1;

}

}

}

public class Task02

{

public static void main (String[] args)

{

int count = 10;

while (count <= 50){

if ( count % 2 != 0 ){

System.out.println ( count );}

count ++;

}

}

}

import java.util.Scanner;

public class Task03

{

public static void main (String[] args)

{

Scanner scanner = new Scanner ( System.in );

System.out.println("Please enter number 1:");

int num1 = scanner.nextInt();

int sum = num1 , max = num1 , c = 1;

double avg = 0;

while ( c <= 19 ){

System.out.println("Please enter number 2:");

int num2 = scanner.nextInt();

if ( max < num2 ){

max = num2;

sum = sum + num2;

c ++ ;

}else{

sum = sum + num2;

c ++ ;

}

}

avg = (double) sum / c ;

System.out.println( max );

System.out.println( avg );

}

}

import java.util.Scanner;

public class Task04

{

public static void main(String[] args)

{

Scanner scanner = new Scanner (System.in);

int c = 1 , ec = 0 ;

double min = Double.POSITIVE\_INFINITY ; double sum = 0.0 ;

while ( c <= 20){

System.out.println("Please enter number");

int n = scanner.nextInt();

if (n<min){

min=n;

}if (n%2==0){

ec++;

sum+=n;

}

c++;

}

System.out.println(min);

double avg = sum/ec ;

System.out.println(avg);

}

}

import java.util.Scanner;

public class Task05

{

public static void main (String[] args)

{

Scanner scanner = new Scanner (System.in);

System.out.println("Please enter value of N");

int n = scanner.nextInt();

int c = 1 ; int y = 0 ;

while ( c < n ){

y = y + ( c \* c \* c );

c ++ ;

}

System.out.println( y );

}

}

import java.util.Scanner;

public class Task06

{

public static void main (String[] args)

{

Scanner scanner = new Scanner (System.in);

System.out.println("Please enter value of N");

int n = scanner.nextInt();

int c = 1 ; int y = 0 ; int sign = 1;

while ( c < n ){

y = y + ( sign \* c \* c );

c ++ ;

sign =- sign ;

}

System.out.println( y );

}

}

public class Task07

{

public static void main (String[] args)

{

int c = 1 ; int sum = 0 ;

while ( c<=600 ){

if

(c % 7 == 0 && c % 9 == 0){

sum = sum + c ;

c ++ ;

}else{

c ++ ;

}

}

System.out.println(sum) ;

}

}

public class Task08

{

public static void main (String[] args)

{

int sum = 0 ; int c = 1 ;

while ( c <= 600 ){

if

(c % 7 == 0 || c % 9 == 0){

sum = sum + c ;

c ++ ;

}else{

c ++ ;

}

}

System.out.println(sum);

}

}

public class Task09

{

public static void main (String[] args)

{

int sum=0, c=1;

while (c<=600){

if (c%7==0 && c%9==0){

c ++ ;

}else if (c%7==0 || c%9==0){

sum = sum + c;

c ++ ;

}else if (c%7!=0 && c%9!=0){

c ++ ;

}

}System.out.println(sum);

}

}

import java.util.Scanner;

public class Task10

{

public static void main (String[] args)

{

Scanner scanner = new Scanner (System.in);

int c=1 ;

double avg = 0 , oddcount=0, sum=0 ;

while (c<=10){

System.out.println("Please enter number");

int num = scanner.nextInt();

if

(num%2==0){

c ++ ;

}else{

sum += num ;

oddcount ++ ;

c ++ ;

}

avg = sum/oddcount ;

}

System.out.println (sum);

System.out.println (avg);

}

}

import java.util.Scanner;

public class Task11

{

public static void main (String[] args)

{

Scanner scanner = new Scanner (System.in);

int c=1 ;

double avg = 0 , evencount=0, sum=0 ;

while (c<=10){

System.out.println("Please enter number");

int num = scanner.nextInt();

if

(num%2!=0){

c ++ ;

}else{

sum += num ;

evencount ++ ;

c ++ ;

}

avg = sum/evencount ;

}

System.out.println (sum);

System.out.println (avg);

}

}

import java.util.Scanner;

public class Task12

{

public static void main (String[] args)

{

Scanner scanner = new Scanner (System.in);

int c=1 ;

double avg = 0, countA=0, sum=0 ;

while (c<=10){

System.out.println("Please enter number");

int num = scanner.nextInt();

if

(num%4==0){

sum += num ;

countA ++ ;

c ++ ;

}else{

c ++ ;

}

avg = sum/countA ;

}

System.out.println (sum);

System.out.println (avg);

}

}

import java.util.Scanner;

public class Task13

{

public static void main(String[] args)

{

Scanner scanner = new Scanner (System.in);

System.out.println("Please enter number:");

int num = scanner.nextInt();

int sum=0, c=1;

while (c <= num){

if ( c%2!=0 ){

sum += c ;

c ++ ;

}else{

c ++ ;

}

}System.out.println( sum );

}

}

import java.util.Scanner;

public class Task14

{

public static void main(String[] args)

{

Scanner scanner = new Scanner (System.in);

System.out.println("Please enter number:");

int num = scanner.nextInt();

int product=1, c=1;

while (c <= num){

System.out.println("Please enter number");

int num2 = scanner.nextInt();

product = product\*num2 ;

c ++ ;

}System.out.println( product );

}

}

import java.util.Scanner;

public class Task15

{

public static void main(String[] args)

{

Scanner scanner = new Scanner (System.in);

int sum=0, c=1;

while (c <= 20){

System.out.println("Please enter number:");

int num = scanner.nextInt();

sum += num ;

System.out.println( sum );

c ++ ;

}

}

}

import java.util.Scanner;

public class Task16

{

public static void main(String[] args)

{

Scanner scanner = new Scanner (System.in);

System.out.println("Please enter number:");

int n = scanner.nextInt();

int max=n, min=n;

double avg = 0,sum=n , c=1 ;

while (c <= 9){

System.out.println("Please enter number:");

int n2 = scanner.nextInt();

sum += n2;

if (n2>max){

max = n2;

c ++;

}else if (n2>min)

c ++;

else{

min = n2;

c ++;

}avg =sum/c;

}System.out.println(max);

System.out.println(min);

System.out.println(avg);

}

}

public class Task17

{

public static void main (String[] args)

{

int x = 0 ; int y = 1 ; int sum = x + y ;

System.out.println( x );

System.out.println( y );

while ( sum < 1600 ){

System.out.println(sum);

x=y;

y=sum;

sum=x+y;

}

}

}

import java.util.Scanner;

public class Task18

{

public static void main (String[] args)

{

Scanner scanner = new Scanner (System.in);

System.out.println("Please enter number");

int n = scanner.nextInt();

int c = 0;

while ( n % 10 != 0 ){

n = n/10;

c ++ ;

}

System.out.println(c);

}

}

import java.util.Scanner;

public class Task19

{

public static void main (String[] args)

{

Scanner scanner = new Scanner (System.in);

int c = 1 , product = 1 ;

System.out.println("Please enter number");

int n = scanner.nextInt();

while ( c<=n ){

product = product \* 10;

c ++ ;

}

System.out.println( product );

}

}

import java.util.Scanner;

public class Task20

{

public static void main (String[] args)

{

Scanner scanner = new Scanner (System.in);

System.out.println("Please enter number");

int n = scanner.nextInt();

int digit = 0;

while ( n/10!=0 ){

digit = n%10;

System.out.println ( digit );

n = n/10 ;

}

digit = n % 10;

System.out.println(digit);

}

}

import java.util.Scanner;

public class Task21

{

public static void main (String[] args)

{

Scanner scanner = new Scanner (System.in);

System.out.println("Please enter number");

int n = scanner.nextInt();

int number=n;

int digit = 0;

while ( number/10!=0 ){

digit++;

number = number / 10 ;

}

int product=1 ;

int count=1 ;

while (count <= digit ){

product=product\*10;

count++;

}

int num = n ;

while (num/product!=0){

digit=num/product;

System.out.println(digit);

num=num%product;

if (num==0)

{

}

else

{

product=product/10;

}

}

}

}

import java.util.Scanner;

public class Task22

{

public static void main(String[] args)

{

Scanner scanner = new Scanner (System.in);

System.out.println("Please enter a number");

int n = scanner.nextInt();

if (n==0){

System.out.println("Zero");

}else if (n==1){

System.out.println("One");

}else if (n==2){

System.out.println("Two");

}else if (n==3){

System.out.println("Three");

}else if (n==4){

System.out.println("Four");

}else if (n==5){

System.out.println("Five");

}else if (n==6){

System.out.println("Six");

}else if (n==7){

System.out.println("Seven");

}else if (n==8){

System.out.println("Eight");

}else if (n==9){

System.out.println("Nine");

}

}

}

import java.util.Scanner;

public class Task24

{

public static void main (String[] args)

{

Scanner scanner = new Scanner (System.in);

System.out.println("Please enter number");

int n = scanner.nextInt();

int c = 1;

while ( c<=n ){

System.out.println(c);

c ++ ;

}

}

}

import java.util.Scanner;

public class Task25

{

public static void main (String[] args)

{

Scanner scanner = new Scanner (System.in);

System.out.println("Please enter number");

int n = scanner.nextInt();

int div = 1 , divc=0 ;

while ( div<=n ){

if (n%div==0){

divc ++;

div ++ ;

}else{

div ++ ;

}

}System.out.println(divc);

}

}

import java.util.Scanner;

public class Task26

{

public static void main (String[] args)

{

Scanner scanner = new Scanner (System.in);

System.out.println("Please enter number");

int n = scanner.nextInt();

int factors = 0 , c=1 ;

while ( c<=n ){

if (n%c==0){

factors ++;

c ++;

}else{

c ++ ;

}

}

if (factors==2)

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

else

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

}

}

public class Task27

{

public static void main (String[] args)

{

int sv = 1 ;

while ( sv<=1000 ){

int div = 1 ; int dc = 0 ;

while (div<=sv){

if (sv%div==0){

dc ++;

div ++;

}else{

div ++ ;

}

}

if (dc==2){

System.out.println(sv);

sv++ ;

}else

sv++ ;

}

}

}

import java.util.Scanner;

public class Task28

{

public static void main (String[] args)

{

Scanner scanner = new Scanner (System.in);

System.out.println("Please enter number");

int n = scanner.nextInt();

int sum = 0 , c=1 ;

while ( c<n ){

if (n%c==0){

sum += c;

c ++;

}else{

c ++ ;

}

}

System.out.println(sum);

}

}

import java.util.Scanner;

public class Task29

{

public static void main (String[] args)

{

Scanner scanner = new Scanner (System.in);

System.out.println("Please enter number");

int n = scanner.nextInt();

int sum = 0 , c=1 ;

while ( c<n ){

if (n%c==0){

sum += c;

c ++;

}else{

c ++ ;

}

} if (sum==n){

System.out.println("Perfect");

}else

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

}

}

import java.util.Scanner;

public class Task30

{

public static void main (String[] args)

{

Scanner scanner = new Scanner (System.in);

System.out.println("Please enter starting value:");

int sv = scanner.nextInt();

System.out.println("Please enter end value:");

int ev = scanner.nextInt();

int primec=0, perfectc=0;

while (sv<=ev){

int div=1, sum=0, dc=0;

while (div<=sv){

if (sv%div==0){

sum+=div;

dc++;

div++;

}else

div++;

}

sum=sum-sv;

while (sum==sv){

perfectc++;

sv++;

}if (dc==2){

primec++;

sv++;

}else{

sv++;

}

}System.out.println(perfectc);

System.out.println(primec);

}

}