**1.Convert celcius to fahrenheat**

import java.util.\*;

class Temperature

{

public static void main(String arg[])

{

Scanner s=new Scanner(System.in);

float Fahrenheat,Celsius;

System.out.println("Enter the Celsius ");

Celsius=s.nextFloat();

Fahrenheat=((Celsius\*9)/5)+32;

System.out.println("output = "+Fahrenheat);

}

}

ODD OR EVEN

import java.util.\*;

class Temperature

{

public static void main(String arg[])

{

Scanner s=new Scanner(System.in);

float Fahrenheat,Celsius;

System.out.println("Enter the Celsius ");

Celsius=s.nextFloat();

Fahrenheat=((Celsius\*9)/5)+32;

System.out.println("output = "+Fahrenheat);

}

}

*3.LEAP YEAR*

import java.util.\*;

class Homework{

public static void main(String[] args){

Scanner s=new Scanner(System.in);

System.out.println("enter the year");

int year;

year=s.nextInt();

if((year%4==0&&year%400!=100)||year%400==0)

{

System.out.println("the given number is leap year ");

}

else

{

System.out.println("The number is not leap year");

}}}

4.voting

import java.util.\*;

class Homework{

public static void main(String[] args){

Scanner s = new Scanner(System.in);

int age,elgible;

System.out.println("enter the age ");

age=s.nextInt();

elgible=18-age;

if(age<=18)

{

System.out.println("your not elgible for voting");

System.out.printf("you are eligible after %d years",elgible);

}

else

{

System.out.println("you are eligible for voting " +age);

}

}

}

5.Num Is positive or not

import java.util.\*;

class Homework{

public static void main(String[] args){

Scanner s=new Scanner(System.in);

int num;

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

num=s.nextInt();

if(num<0)

{

System.out.println("the number is negative " +num);

}

else

{

System.out.println("the numbewr is positive number " +num);

}

}

}

6.series of numbers

import java.util.\*;

class homewoek{

public static void main(String[] args){

Scanner s=new Scanner(System.in);

int i,n,sum=0;

System.out.println("Enter the number ");

n=s.nextInt();

for(i=0;i<=n;i++)

{

sum=sum+i;

}

System.out.println("output = " +sum);

}

}

7.Collage name print

import java.util.\*;

class Department

{

public static void main(String arg[])

{

Scanner s = new Scanner(System.in);

System.out.println("Enter the Department");

String dept = s.nextLine();

if(dept.equals("CSE") || dept.equals("ECE") || dept.equals("EEE") ||dept.equals("CIVIL") || dept.equals("MECH") ||dept.equals("AGRI"))

System.out.println("SIMATS School of Engineering (SSE)");

else if(dept.equals("ARCH") )

System.out.println("SIMATS College of Architectural Designs (SCAD)");

else if(dept.equals("ARTS"))

System.out.println("SIMATS College of Liberal Arts and Sciences (SCLAS)");

}

}

8.FIBONOCCI

import java.util.\*;

class homework{

public static void main(String[] args){

Scanner s=new Scanner(System.in);

int a=0,b=1,c,n;

System.out.println("Enter the number");

n=s.nextInt();

for(int i=0;i<=n;i++)

{

System.out.print(+a);

c=a+b;

a=b;

b=c;

}

}

}

Prime

//Prime Number or not

import java.util.\*;

class PrimeNumber{

public static void main(String[] args)

{

int n, m=0, i;

Scanner s=new Scanner(System.in);

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

n=s.nextInt();

m=n/2;

if(n==0 || n==1)

{

System.out.printf("%d is Not a Prime Number",n);

}

else{

for(i=2;i<=m;i++)

{

if(n%i==0)

{

System.out.printf("%d is Not a Prime Number",n);

break;

}

}

if(n%i!=0)

{

System.out.printf("%d is a Prime Number",n);

}

}

}

}