M

//Write a program that displays the following information:

• Your name

• Your address, with city, state, and ZIP

• Your telephone number

• Your college major

import java.util.Scanner;

class myinformation{

    public static void  main(String[] args) {

    Scanner input = new Scanner (System.in);

        //name

        System.out.print("Please enter your name: ");

        String name = input.nextLine();

        System.out.println("my name is : " + name);

        //address

        System.out.print("Enter your address : ");

        String address = input.nextLine();

        System.out.println("my address :" + address);

        //city

        System.out.print("which is your city : ");

        String city = input.nextLine();

        System.out.println("my city is : " + city);

        //State

        System.out.print("inter your state : ");

        String state = input.nextLine();

        System.out.println("Im from : " + state);

        //ZIP

        System.out.print("Enter your ZIP : " );

        int myzip = input.nextInt();

        System.out.println(" my ZIP is : " + myzip);

        //Telephone number

        System.out.print("enter your telephone number : ");

        long phone = input.nextInt();

        System.out.println(" my phone number is : "  + phone);

        //college major

        System.out.printf("Which is your college: ");

        String college = input.nextLine();

        System.out.println("Im student of : " + college);

        input.close();

    }

}

//A customer in a store is purchasing five items. Write a program that asks for

the price of each item, and then displays the subtotal of the sale, the amount of sales

tax, and the total.

Assum, the sales tax is 6 percent.

import java.util.Scanner;

class sales{

public static void main(String[] args){

        Scanner input =new Scanner(System.in);

        System.out.println("inter the price of first item ");

        int item1 = input.nextInt();

        System.out.println("inter the sale of second item ");

        int item2 = input.nextInt();

        System.out.println("inter the sale of third item ");

        int item3 = input.nextInt();

        System.out.println("inter the sale of fourth item ");

        int item4 = input.nextInt();

        System.out.println("inter the sale of fivth item ");

        int item5 = input.nextInt();

        int total = item1 + item2 + item3 + item4 + item5;

        System.out.println(" the total sales is " + total );

        System.out.println("the amount of sales tax is" + total\*0.06 );

        input.close();

    }

}

//A company has determined that its annual profit is typically 23 percent of

total sales. Write a program that asks the user to enter the projected amount

of total sales, and then displays the profit that will be made from that

amount. Hint: use the value 0.23 to represent 23 percent.

import java.util.Scanner;

class math {

    public static void main(String[] args) {

        Scanner input = new Scanner(System.in);

        System.out.println("inter your project amount");

        int number = input.nextInt();

        System.out.println("'nter your percen");

        float mypercent = input.nextFloat();

        System.out.println("my profit is " + number \* mypercent);

        input.close();

    }

//One acre of land is equivalent to 43,560 square feet. Write a program that

asks the user to enter the total square feet in a tract of land and calculates

the number of acres in the tract.

Hint: divide the amount entered by 43,560 to get the number of acres.

import java.util.Scanner;

class land{

    public static void main(String[] args){

        Scanner input = new Scanner(System.in);

        System.out.println(" please inter your total squre feet");

        int amount = input.nextInt();

        System.out.println(" the total number of acres is " + amount / 43560);

        input.close();

    }

}

Assuming there are no accidents or delays, the distance that a car travels

down the interstate can be calculated with the following formula:

Distance = Speed \* TimeA car is traveling at 60 miles per hour. Write a program that displays the

following:

• The distance the car will travel in 5 hours

• The distance the car will travel in 8 hours

• The distance the car will travel in 12 hours

public class Distance {

    public static void main(String[] args) {

        double distance1 , distance2 , distance3;

        distance1 = 60 \* 5;

        System.out.println("The distance in 5 hours is: " + distance1);

        distance2 = 60 \* 8;

        System.out.println("The distance in 8 hours is: " + distance2);

        distance3 = 60 \* 12;

        System.out.println("The distance in 12 hours is: " + distance3);

    }

}

Write a program that will ask the user to enter the amount of a purchase.

The program

should then compute the state and county sales tax. Assume the state sales

tax is 4 percent

and the county sales tax is 2 percent. The program should display the

amount of the purchase, the state sales tax, the county sales tax, the total

sales tax, and the total of the sale

(which is the sum of the amount of purchase plus the total sales tax).

Hint: use the value 0.02 to represent 2 percent, and 0.04 to represent 4

percent.abstract.class

import java.util.Scanner;

class SalesTax {

    public static void main(String[] args) {

        double purchase;

        Scanner input = new Scanner(System.in);

        System.out.println("Enter amount of purchase: ");

        purchase = input.nextDouble();

        System.out.println("The purchase is: " +purchase);

        double Sales = purchase \* 0.04;

        System.out.println("State sales is: " + Sales);

        double countofSales = purchase \* 0.02;

        System.out.println("County sales is: " + countofSales);

        double TotalSaleTax = Sales + countofSales;

        System.out.println("Total sales tax is: " + TotalSaleTax);

        double TotalofSales = purchase + TotalSaleTax;

        System.out.println("Total of sales: " + TotalofSales);

        input.close();

    }

}

A car’s miles-per-gallon (MPG) can be calculated with the following formula:

MPG = Miles driven / Gallons of gas used

Write a program that asks the user for the number of miles driven and the

gallons of gas

used. It should calculate the car’s MPG and display the result.

import java.util.Scanner;

public class MilesPerGallon {

    public static void main(String[] args) {

        Scanner input = new Scanner(System.in);

        System.out.println("Enter number of miles: ");

        double miles = input.nextDouble();

        System.out.println("Enter number of gallon of gas: ");

        double gallon = input.nextDouble();

        double MPG = (miles / gallon);

        System.out.println("Miles per gallon is: " + MPG);

    }

Write a program that converts Celsius temperatures to Fahrenheit

temperatures. The formula is as follows:

F=(9/5)\*C+32

The program should ask the user to enter a temperature in Celsius, and then

display the

temperature converted to Fahrenheit.

import java.util.Scanner;

public class Temperature {

    public static void main(String[] args) {

        Scanner input = new Scanner(System.in);

        System.out.println("Enter temperature in celcius is: ");

        double celcius = input.nextDouble();

        double F = (9/5) \* celcius +32;

        System.out.println("Fahrenheit is: " + F);

    }

}

tate the order of evaluation of the operators in each of the following Python statements

and show the value of x after each statement is performed.

a) x = 7 + 3 \* 6 / 2 - 1

b) x = 2 % 2 + 2 \* 2 - 2 / 2

c) x = ( 3 \* 9 \* ( 3 + ( 9 \* 3 / ( 3 ) ) ) )...

public class Order {

    public static void main(String[] args) {

        double Xa = 7 + (3 \* (6/2)) -1;

        System.out.println(Xa);

        double xb = 2%2 + (2\*2) -(2/2);

        System.out.println(xb);

        double xc = (3\*9 \*(3+(9\*3/(3))));

        System.out.println(xc);

    }

}

Write a program to input two integers. Call the first x and the second y.

You program should calculate the quotient and remainder when x is

divided by y;

import java.util.Scanner;

class Quotient{

    public static void main(String [] args){

        Scanner input = new Scanner(System.in);

        System.out.println("input a first int :");

        int x =input.nextInt ();

        System.out.println("input a second int :");

        int y = input.nextInt ();

        int quotient = x / y;

        System.out.println("Quotient = " + quotient);

        int reminder = x % y;

        System.out.println("Reminder = " + reminder);

        input.close();

Write a program that will print your initials to standard output in letters that are nine (solution)

lines tall. Each big letter should be made up of a bunch of \*’s. For example, if your initials were

“DJE”, then the output would look something like:

class DJE{

    public static void main(String [] args){

       System.out.println             ("    \*\*\*\*\*\*            \*\*\*\*\*\*\*\*\*\*\*\*\*\*          \*\*\*\*\*\*\*\*\*\*        ");

       System.out.println             ("    \*\*    \*\*                  \*\*              \*\*                ");

       System.out.println             ("    \*\*       \*\*               \*\*              \*\*                ");

       System.out.println             ("    \*\*         \*\*             \*\*              \*\*                ");

       System.out.println             ("    \*\*         \*\*             \*\*              \*\*\*\*\*\*\*\*          ");

       System.out.println             ("    \*\*         \*\*      \*\*     \*\*              \*\*                ");

       System.out.println             ("    \*\*         \*\*       \*\*    \*\*              \*\*                ");

       System.out.println             ("    \*\*       \*\*          \*\*   \*\*              \*\*                ");

       System.out.println             ("    \*\*\*\*\*\*                \*\*\*\*                \*\*\*\*\*\*\*\*\*\*        ");

    }

}