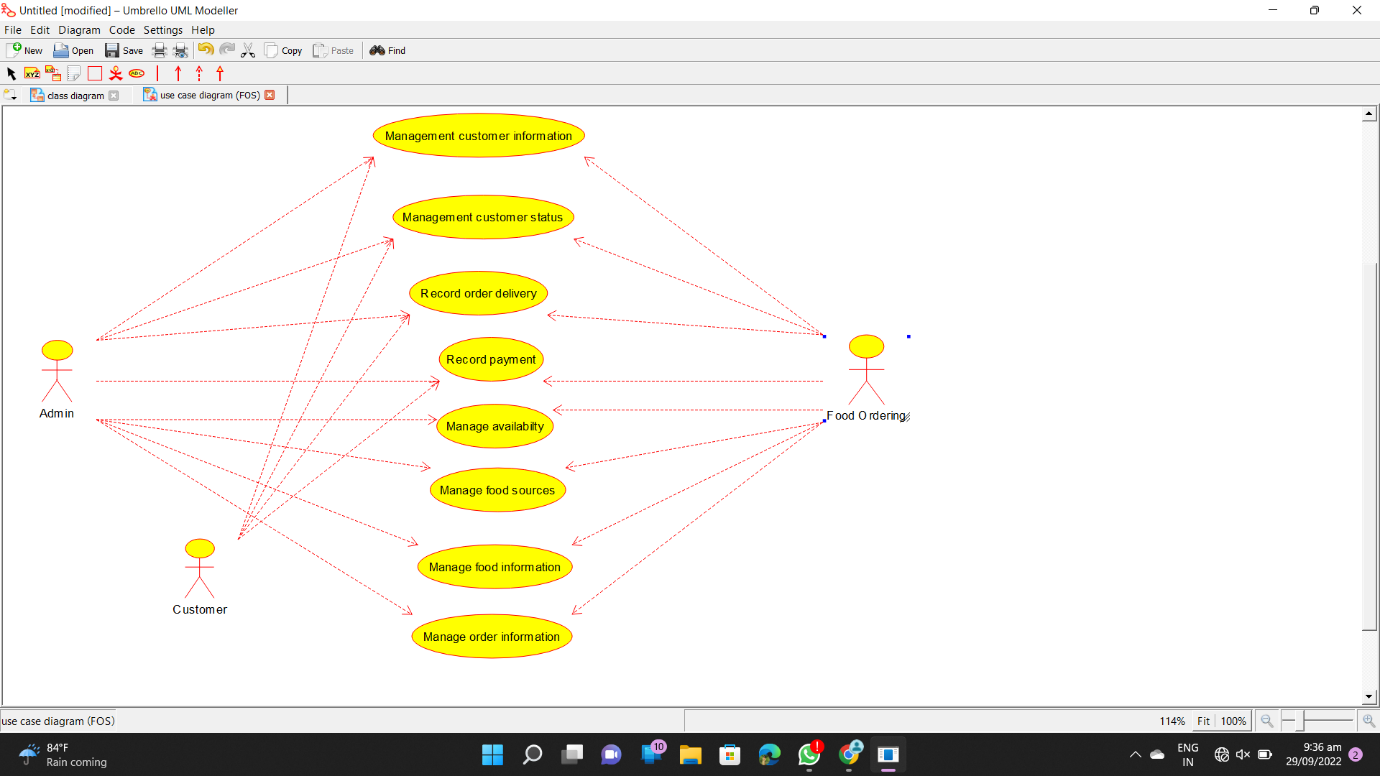
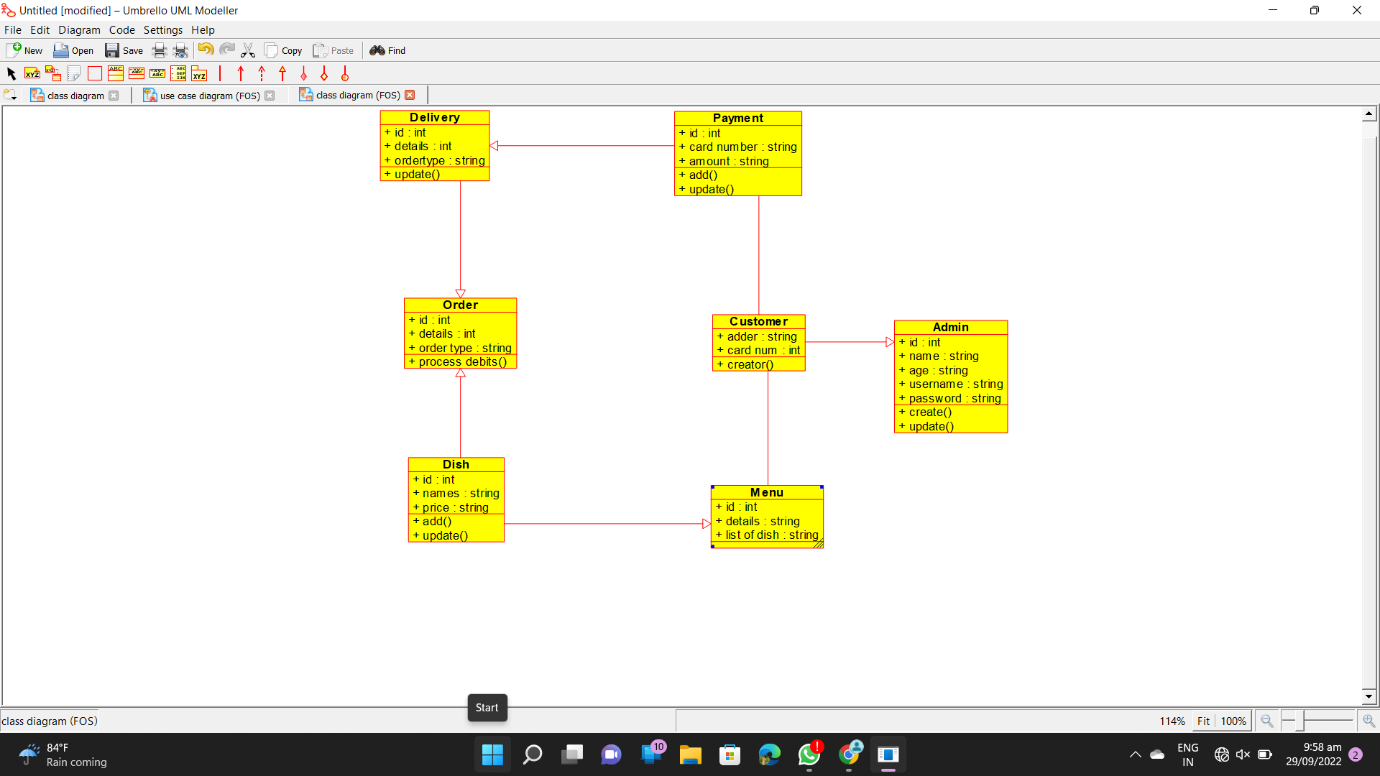
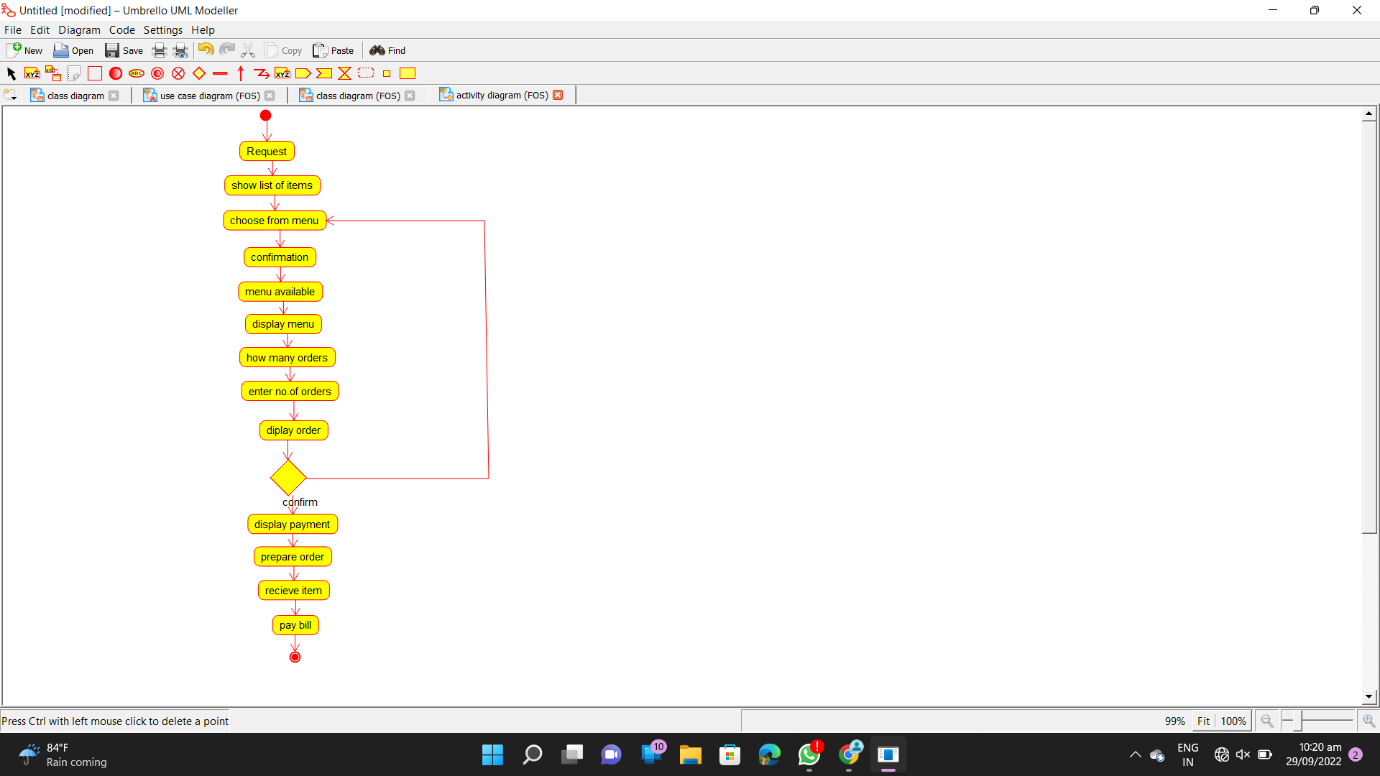
EXPERIMENT – 18 FOOD ORDERING SYSTEM [FOS]

USECASE DIAGRAM :-

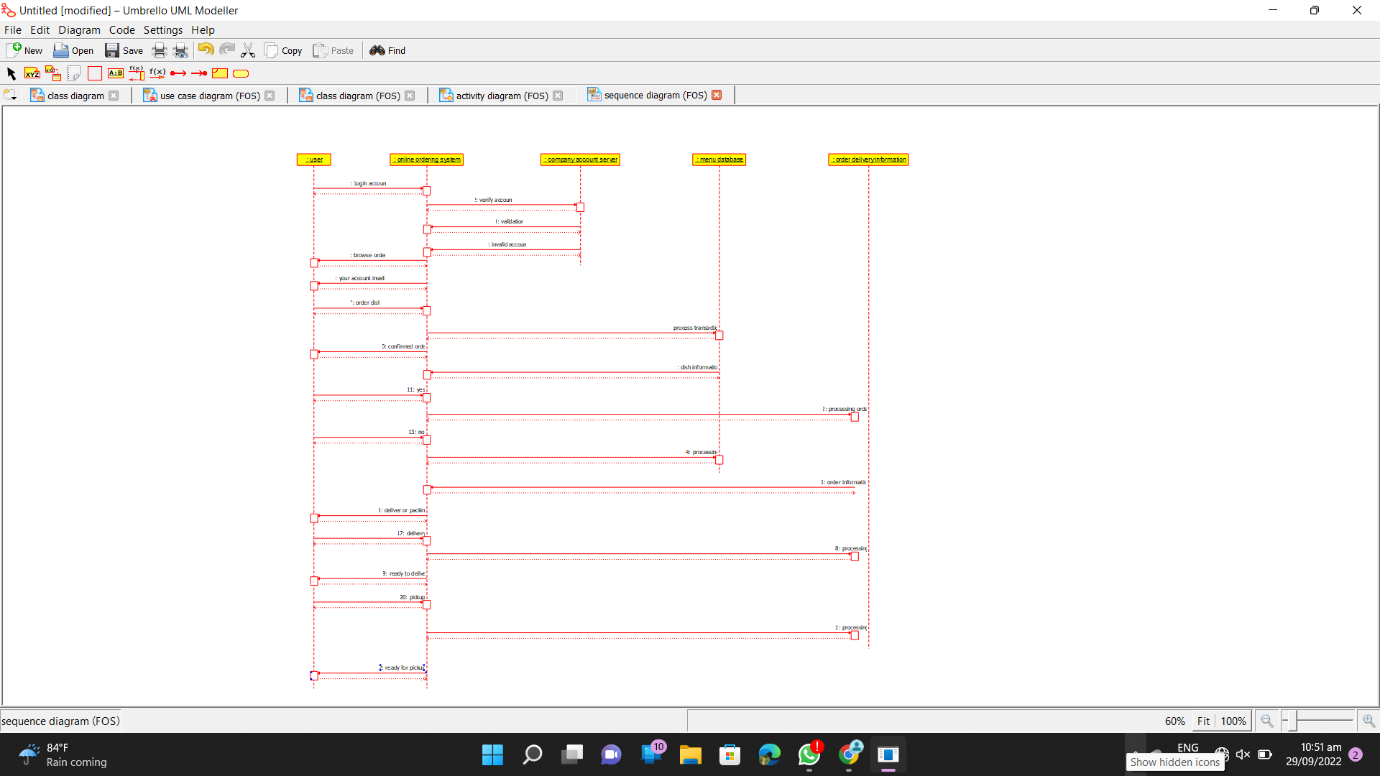


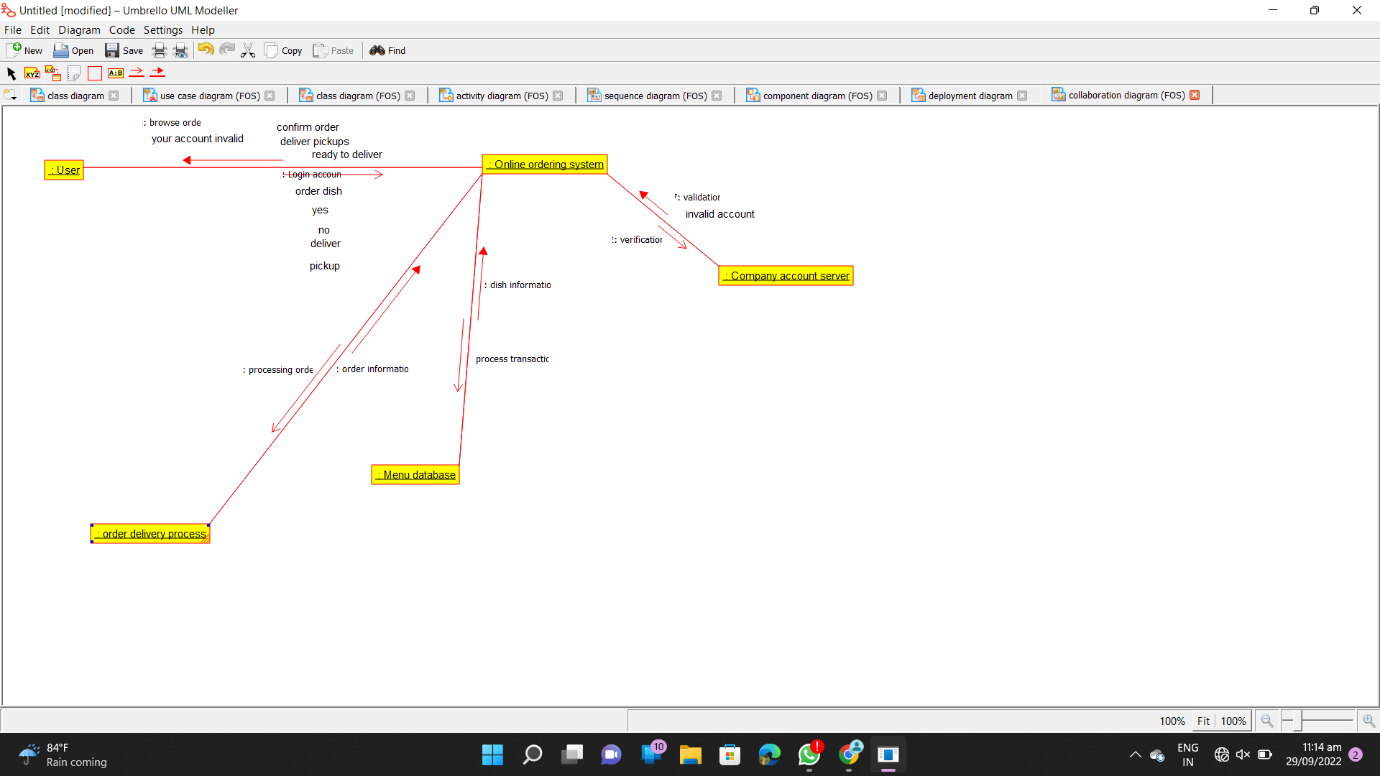
CLASS DIAGRAM :-



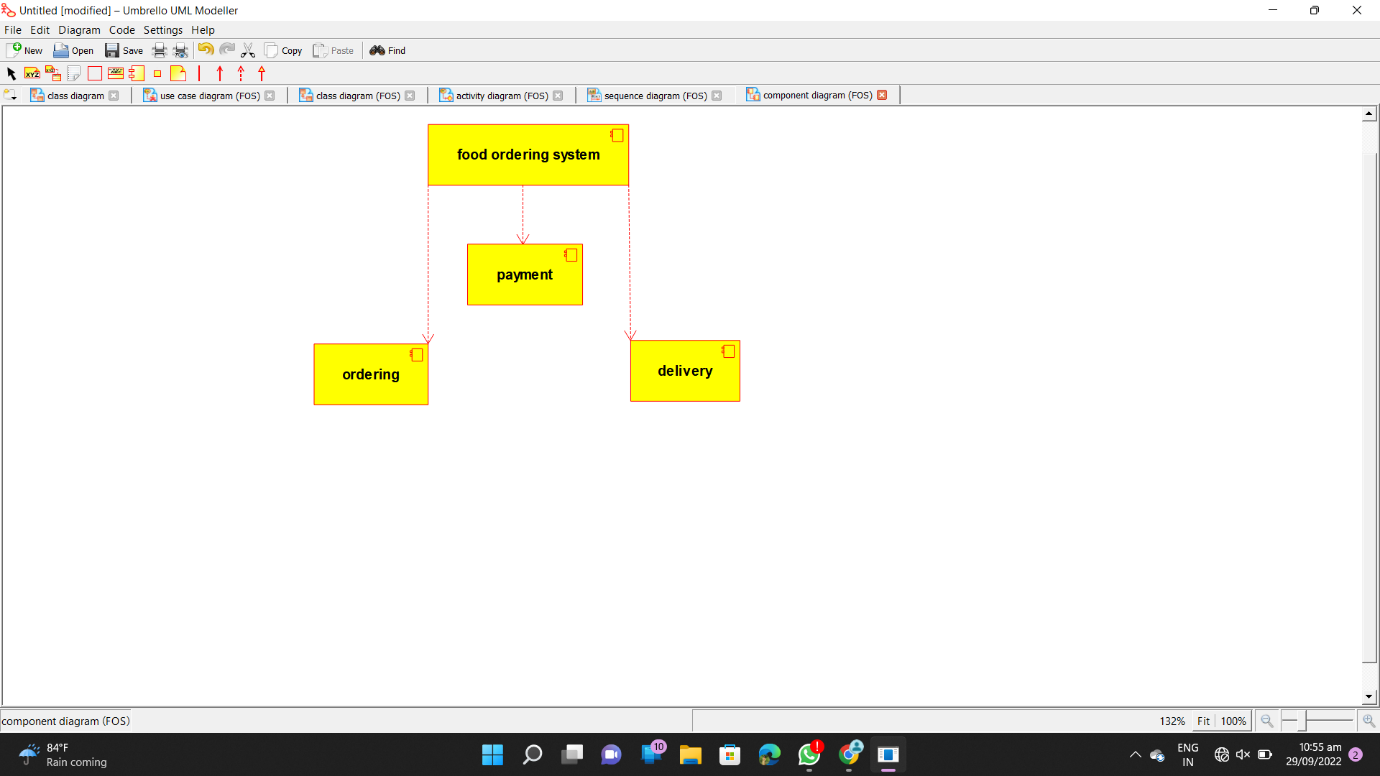
ACTIVITY DIAGRAM :- 

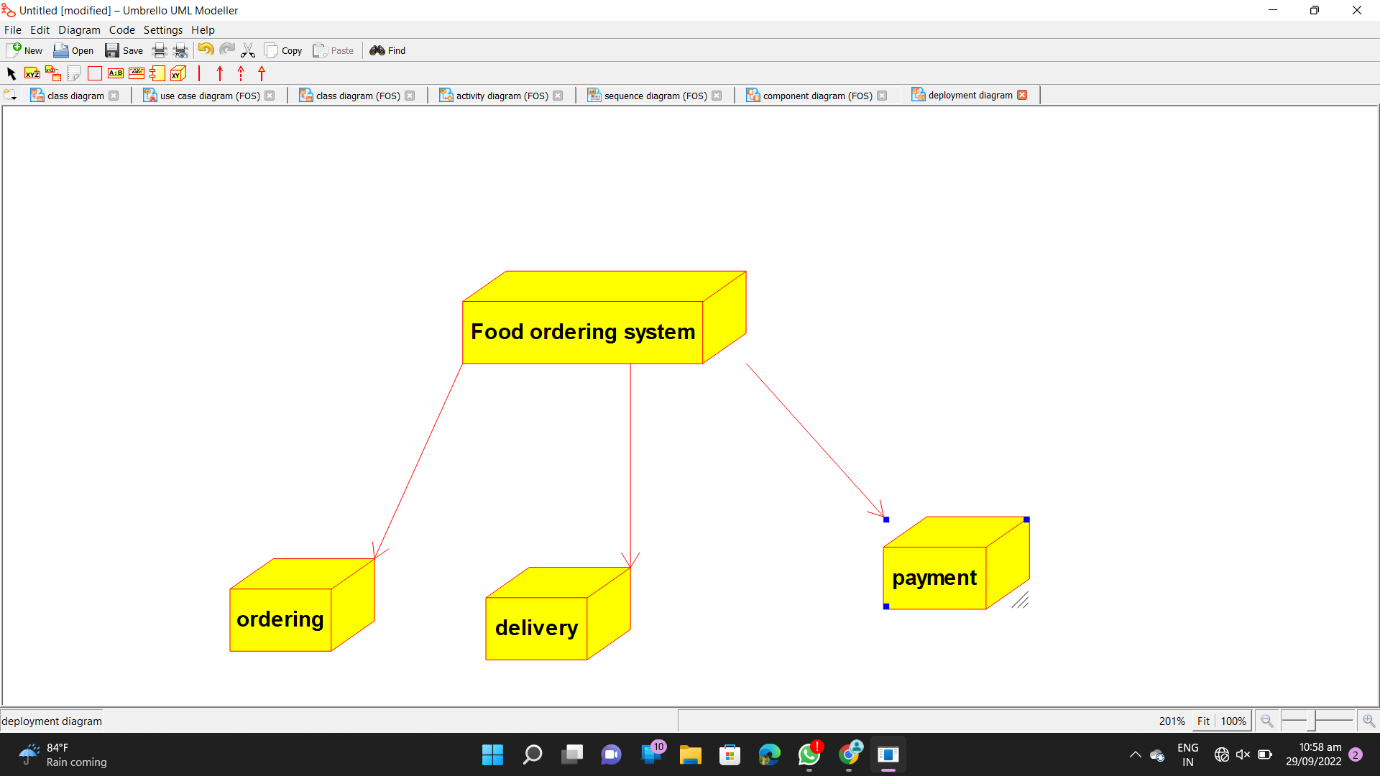
SEQUENCE DIAGRAM :-



COLLABORATION DIAGRAM :- 

COMPONENT DIAGRAM :-



DEPLOYMENT DIAGRAM :- 

PROGRAM CODE :-

/\*\*

\* Class Admin

\*/

public class Admin {

//

// Fields

//

public int id;

public String name;

public String age;

public String username;

public String password;

//

// Constructors

//

public Admin () { };

//

// Methods

//

//

// Accessor methods

//

/\*\*

\* Set the value of id

\* @param newVar the new value of id

\*/

public void setId (int newVar) {

id = newVar;

}

/\*\*

\* Get the value of id

\* @return the value of id

\*/

public int getId () {

return id;

}

/\*\*

\* Set the value of name

\* @param newVar the new value of name

\*/

public void setName (String newVar) {

name = newVar;

}

/\*\*

\* Get the value of name

\* @return the value of name

\*/

public String getName () {

return name;

}

/\*\*

\* Set the value of age

\* @param newVar the new value of age

\*/

public void setAge (String newVar) {

age = newVar;

}

/\*\*

\* Get the value of age

\* @return the value of age

\*/

public String getAge () {

return age;

}

/\*\*

\* Set the value of username

\* @param newVar the new value of username

\*/

public void setUsername (String newVar) {

username = newVar;

}

/\*\*

\* Get the value of username

\* @return the value of username

\*/

public String getUsername () {

return username;

}

/\*\*

\* Set the value of password

\* @param newVar the new value of password

\*/

public void setPassword (String newVar) {

password = newVar;

}

/\*\*

\* Get the value of password

\* @return the value of password

\*/

public String getPassword () {

return password;

}

//

// Other methods

//

/\*\*

\*/

public void create()

{

}

/\*\*

\*/

public void update()

{

}

}

import java.util.\*;

/\*\*

\* Class Customer

\*/

public class Customer extends Admin {

//

// Fields

//

public String adder;

public int card\_num;

//

// Constructors

//

public Customer () { };

//

// Methods

//

//

// Accessor methods

//

/\*\*

\* Set the value of adder

\* @param newVar the new value of adder

\*/

public void setAdder (String newVar) {

adder = newVar;

}

/\*\*

\* Get the value of adder

\* @return the value of adder

\*/

public String getAdder () {

return adder;

}

/\*\*

\* Set the value of card\_num

\* @param newVar the new value of card\_num

\*/

public void setCard\_num (int newVar) {

card\_num = newVar;

}

/\*\*

\* Get the value of card\_num

\* @return the value of card\_num

\*/

public int getCard\_num () {

return card\_num;

}

//

// Other methods

//

/\*\*

\*/

public void creator()

{

}

}

/\*\*

\* Class Delivery

\*/

public class Delivery extends Order {

//

// Fields

//

public int id;

public int details;

public String ordertype;

//

// Constructors

//

public Delivery () { };

//

// Methods

//

//

// Accessor methods

//

/\*\*

\* Set the value of id

\* @param newVar the new value of id

\*/

public void setId (int newVar) {

id = newVar;

}

/\*\*

\* Get the value of id

\* @return the value of id

\*/

public int getId () {

return id;

}

/\*\*

\* Set the value of details

\* @param newVar the new value of details

\*/

public void setDetails (int newVar) {

details = newVar;

}

/\*\*

\* Get the value of details

\* @return the value of details

\*/

public int getDetails () {

return details;

}

/\*\*

\* Set the value of ordertype

\* @param newVar the new value of ordertype

\*/

public void setOrdertype (String newVar) {

ordertype = newVar;

}

/\*\*

\* Get the value of ordertype

\* @return the value of ordertype

\*/

public String getOrdertype () {

return ordertype;

}

//

// Other methods

//

/\*\*

\*/

public void update()

{

}

}

/\*\*

\* Class Dish

\*/

public class Dish extends Order, Menu {

//

// Fields

//

public int id;

public String names;

public String price;

//

// Constructors

//

public Dish () { };

//

// Methods

//

//

// Accessor methods

//

/\*\*

\* Set the value of id

\* @param newVar the new value of id

\*/

public void setId (int newVar) {

id = newVar;

}

/\*\*

\* Get the value of id

\* @return the value of id

\*/

public int getId () {

return id;

}

/\*\*

\* Set the value of names

\* @param newVar the new value of names

\*/

public void setNames (String newVar) {

names = newVar;

}

/\*\*

\* Get the value of names

\* @return the value of names

\*/

public String getNames () {

return names;

}

/\*\*

\* Set the value of price

\* @param newVar the new value of price

\*/

public void setPrice (String newVar) {

price = newVar;

}

/\*\*

\* Get the value of price

\* @return the value of price

\*/

public String getPrice () {

return price;

}

//

// Other methods

//

/\*\*

\*/

public void add()

{

}

/\*\*

\*/

public void update()

{

}

}

import java.util.\*;

/\*\*

\* Class Menu

\*/

public class Menu {

//

// Fields

//

public int id;

public String details;

public String list\_of\_dish;

//

// Constructors

//

public Menu () { };

//

// Methods

//

//

// Accessor methods

//

/\*\*

\* Set the value of id

\* @param newVar the new value of id

\*/

public void setId (int newVar) {

id = newVar;

}

/\*\*

\* Get the value of id

\* @return the value of id

\*/

public int getId () {

return id;

}

/\*\*

\* Set the value of details

\* @param newVar the new value of details

\*/

public void setDetails (String newVar) {

details = newVar;

}

/\*\*

\* Get the value of details

\* @return the value of details

\*/

public String getDetails () {

return details;

}

/\*\*

\* Set the value of list\_of\_dish

\* @param newVar the new value of list\_of\_dish

\*/

public void setList\_of\_dish (String newVar) {

list\_of\_dish = newVar;

}

/\*\*

\* Get the value of list\_of\_dish

\* @return the value of list\_of\_dish

\*/

public String getList\_of\_dish () {

return list\_of\_dish;

}

//

// Other methods

//

}

/\*\*

\* Class Order

\*/

public class Order {

//

// Fields

//

public int id;

public int details;

public String order\_type;

//

// Constructors

//

public Order () { };

//

// Methods

//

//

// Accessor methods

//

/\*\*

\* Set the value of id

\* @param newVar the new value of id

\*/

public void setId (int newVar) {

id = newVar;

}

/\*\*

\* Get the value of id

\* @return the value of id

\*/

public int getId () {

return id;

}

/\*\*

\* Set the value of details

\* @param newVar the new value of details

\*/

public void setDetails (int newVar) {

details = newVar;

}

/\*\*

\* Get the value of details

\* @return the value of details

\*/

public int getDetails () {

return details;

}

/\*\*

\* Set the value of order\_type

\* @param newVar the new value of order\_type

\*/

public void setOrder\_type (String newVar) {

order\_type = newVar;

}

/\*\*

\* Get the value of order\_type

\* @return the value of order\_type

\*/

public String getOrder\_type () {

return order\_type;

}

//

// Other methods

//

/\*\*

\*/

public void process\_debits()

{

}

}

import java.util.\*;

/\*\*

\* Class Payment

\*/

public class Payment extends Delivery {

//

// Fields

//

public int id;

public String card\_number;

public String amount;

//

// Constructors

//

public Payment () { };

//

// Methods

//

//

// Accessor methods

//

/\*\*

\* Set the value of id

\* @param newVar the new value of id

\*/

public void setId (int newVar) {

id = newVar;

}

/\*\*

\* Get the value of id

\* @return the value of id

\*/

public int getId () {

return id;

}

/\*\*

\* Set the value of card\_number

\* @param newVar the new value of card\_number

\*/

public void setCard\_number (String newVar) {

card\_number = newVar;

}

/\*\*

\* Get the value of card\_number

\* @return the value of card\_number

\*/

public String getCard\_number () {

return card\_number;

}

/\*\*

\* Set the value of amount

\* @param newVar the new value of amount

\*/

public void setAmount (String newVar) {

amount = newVar;

}

/\*\*

\* Get the value of amount

\* @return the value of amount

\*/

public String getAmount () {

return amount;

}

//

// Other methods

//

/\*\*

\*/

public void add()

{

}

/\*\*

\*/

public void update()

{

}

}