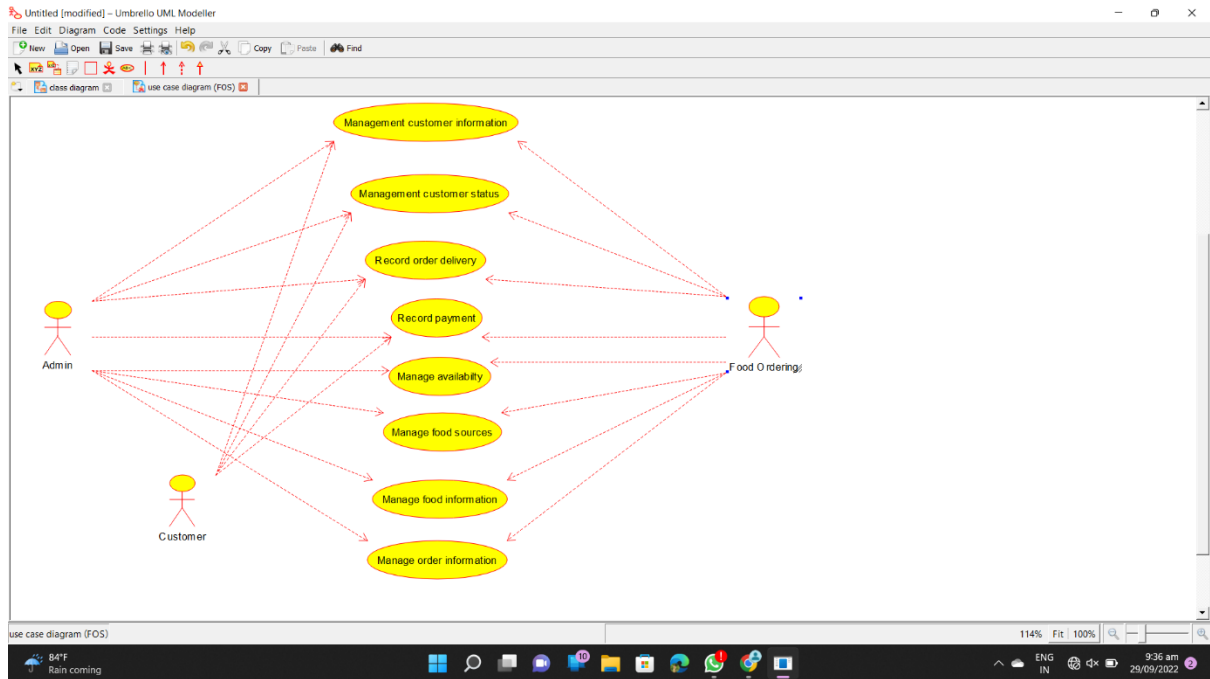
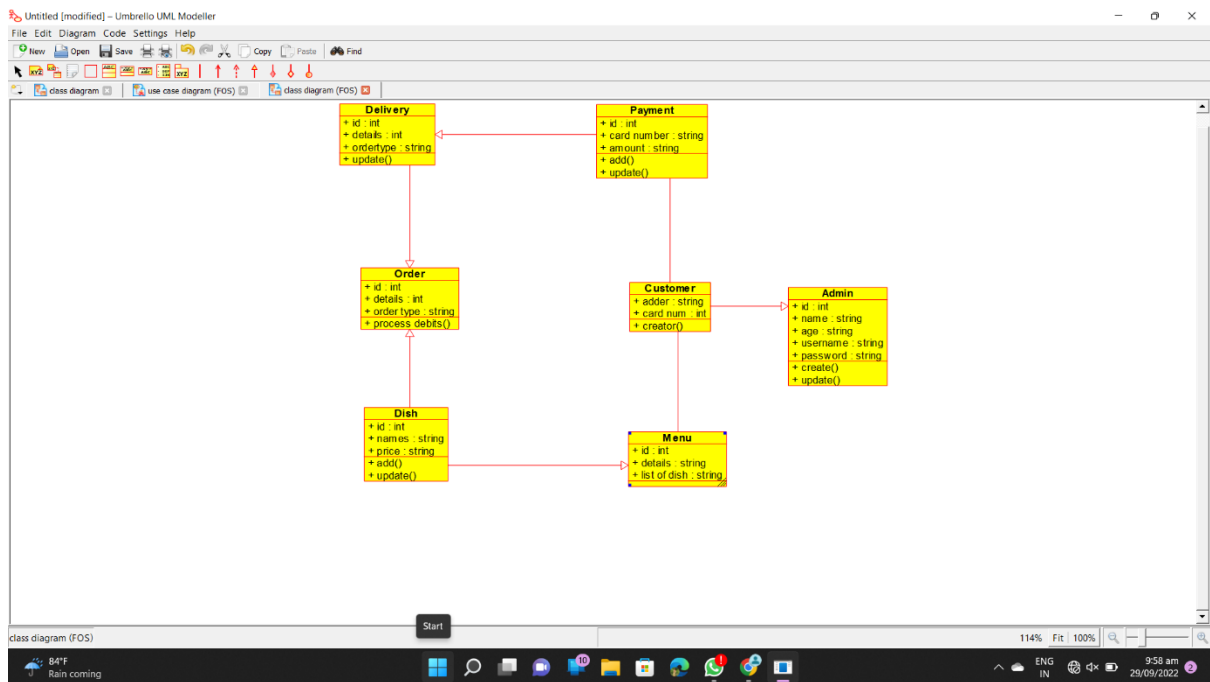


# FOOD ORDERING SYSTEM

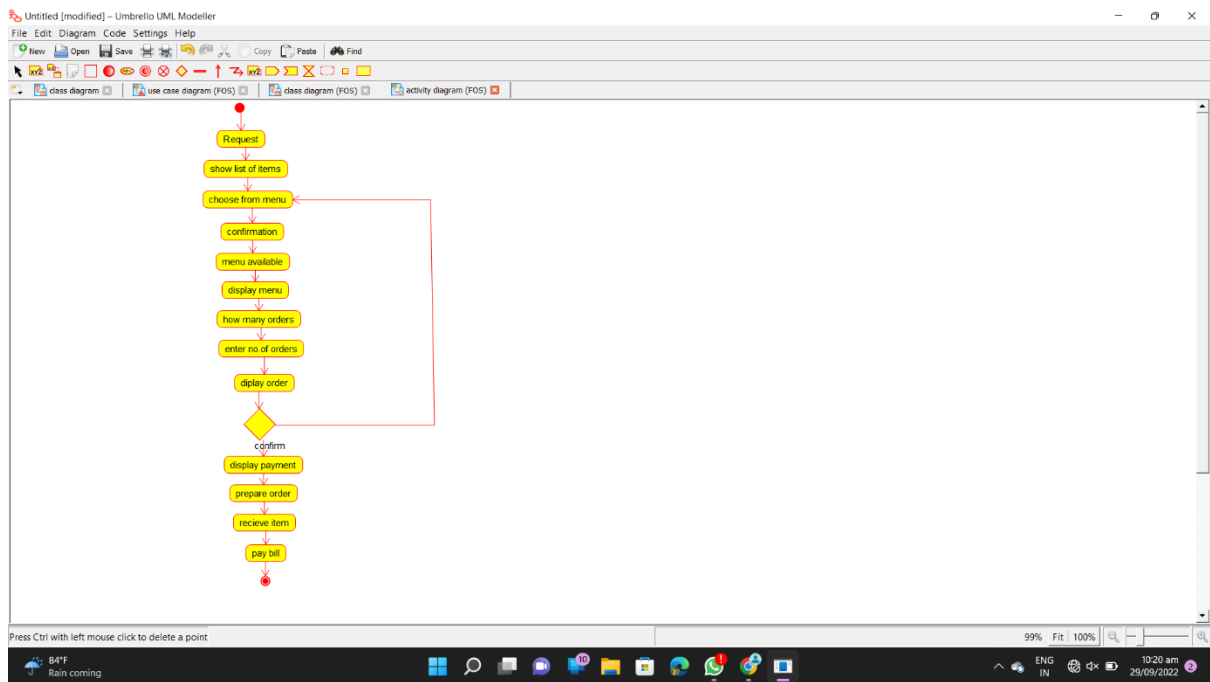
## USE CASE DIAGRAM



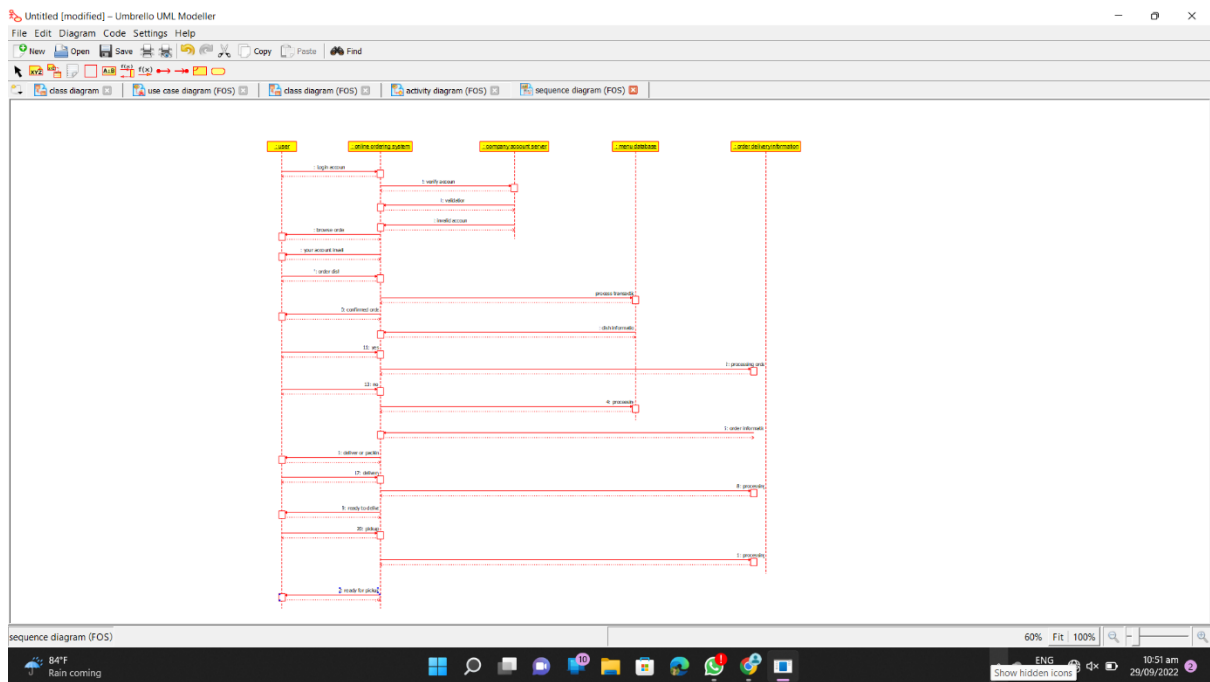
## CLASS DIAGRAM



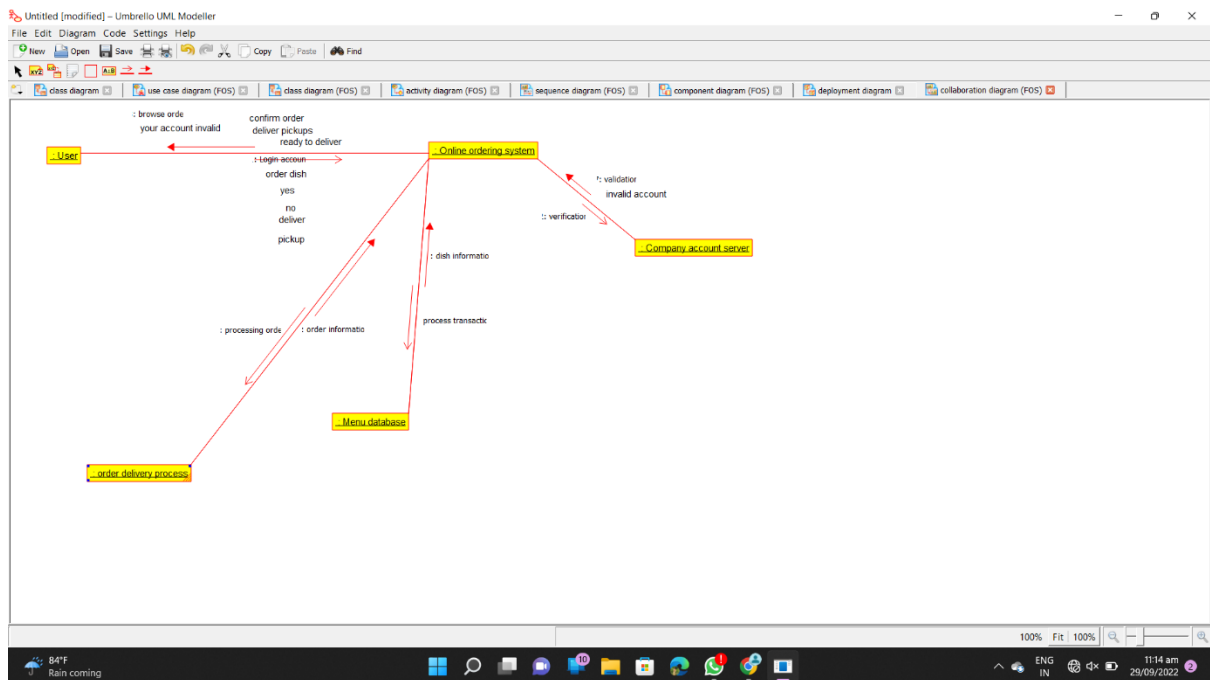
# ACTIVITY DIAGRAM



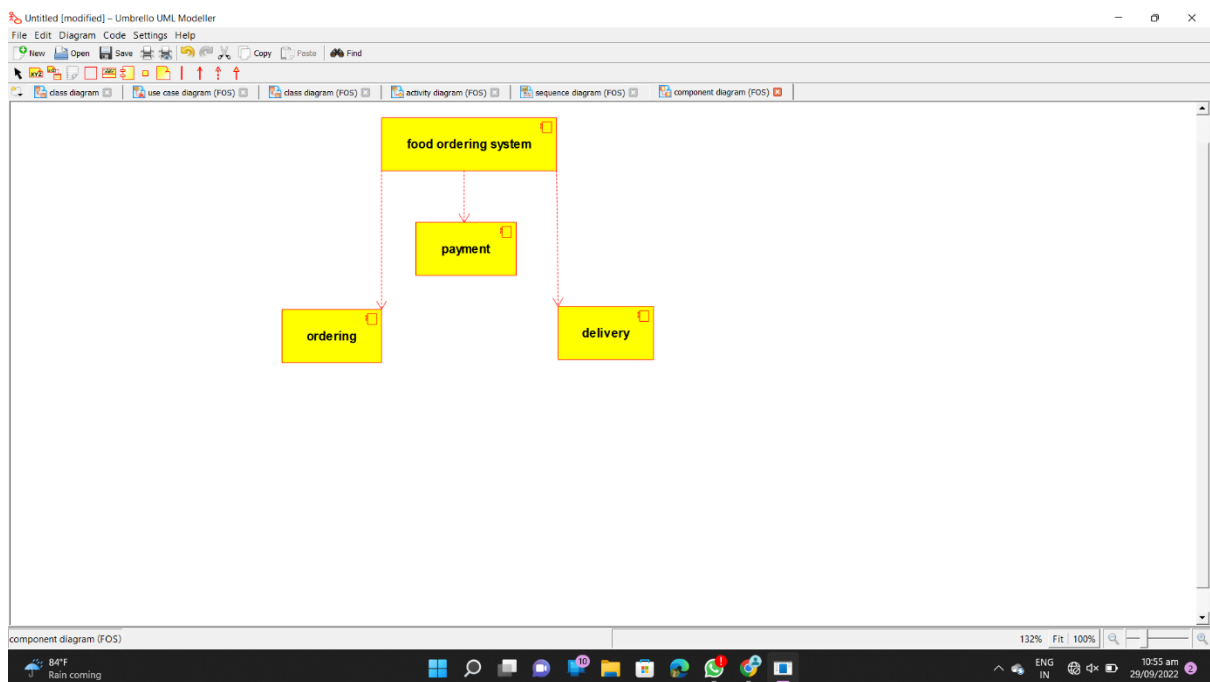
# SEQUENCE DIAGRAM



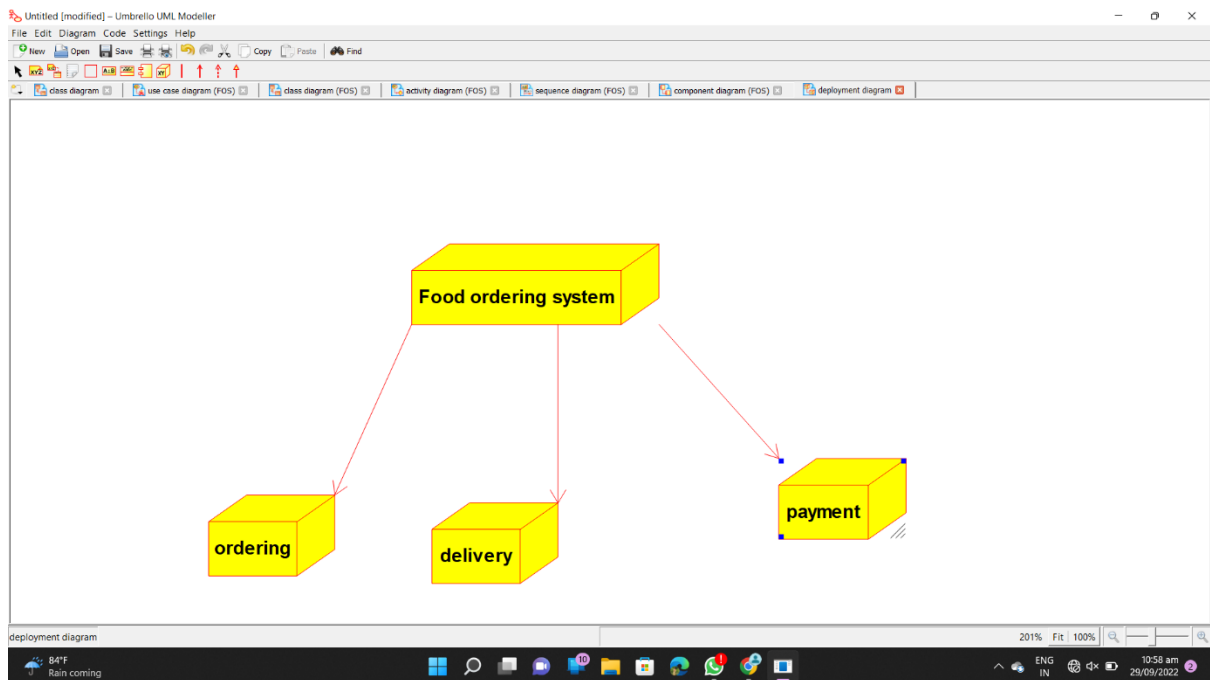
# COLLABORATION DIAGRAM



# 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 = new Var;
}
/**
 * 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 = new Var;
}
/**
 * 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()
```

```
{
```

```
}
```

```
}
```