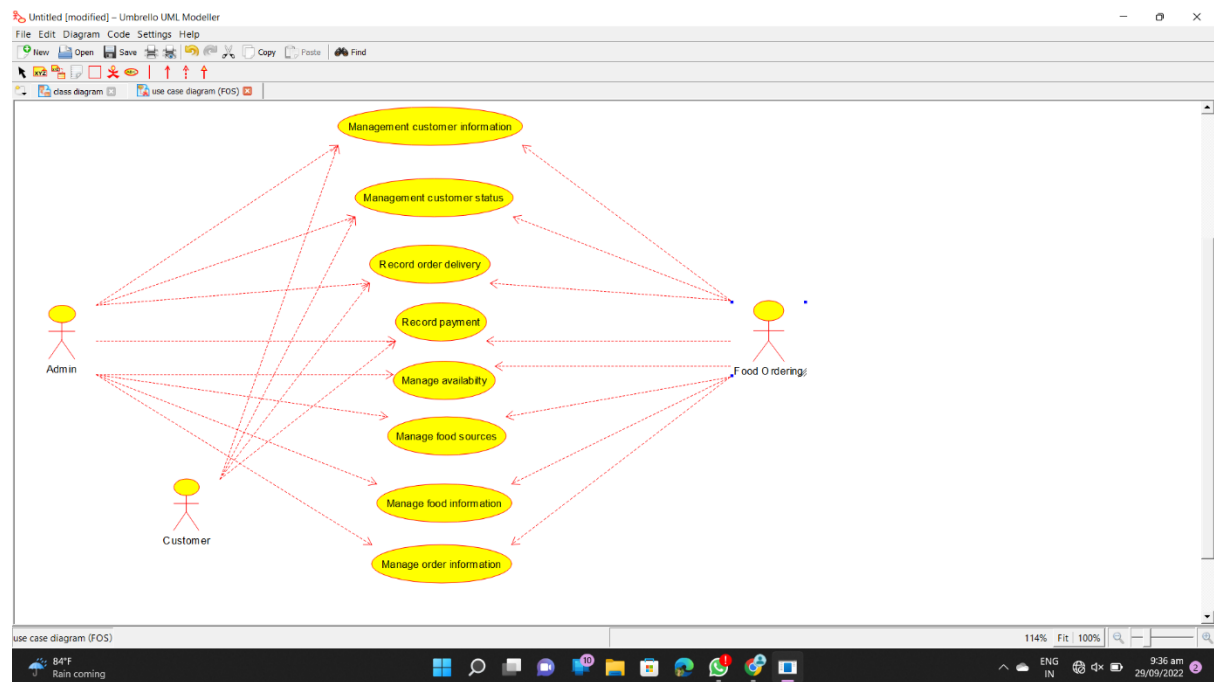
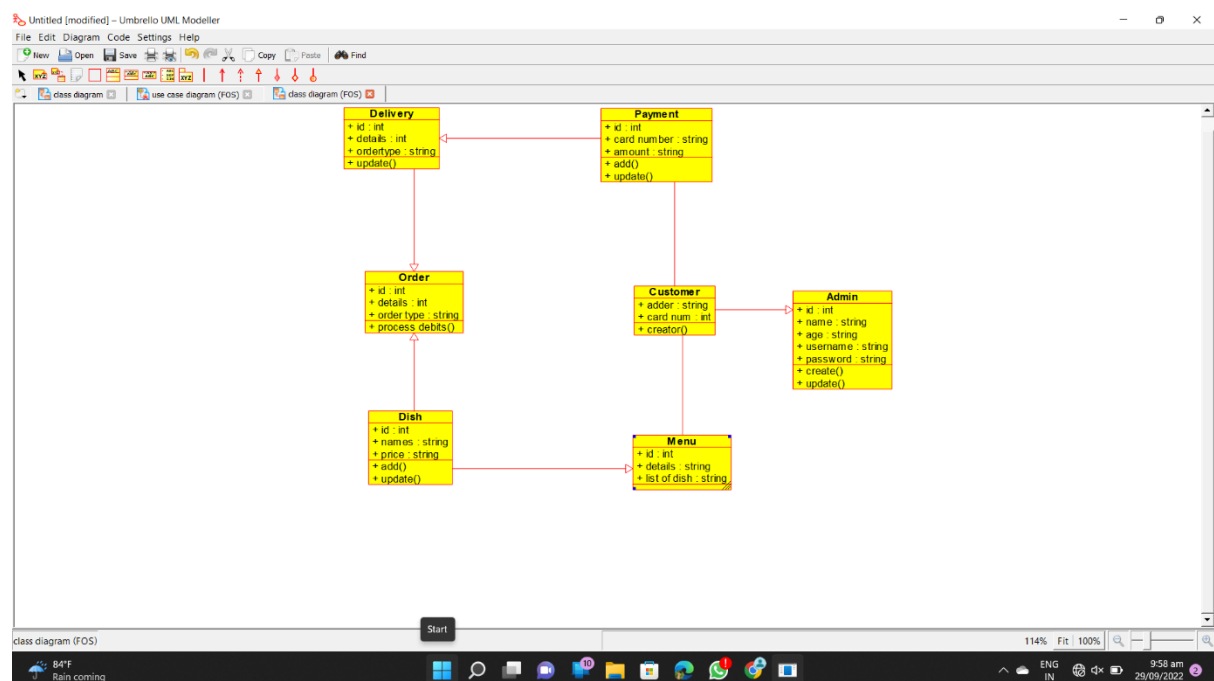


EXPERIMENT – 18 FOOD ORDERING SYSTEM [FOS]

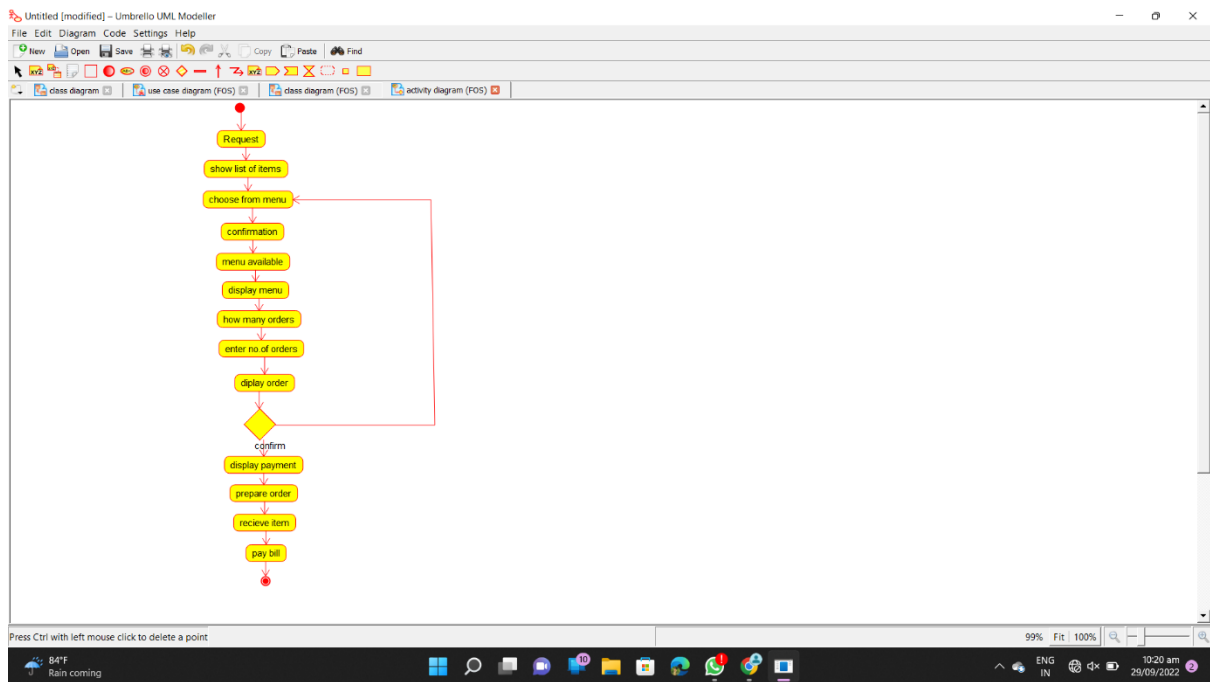
USECASE DIAGRAM :-



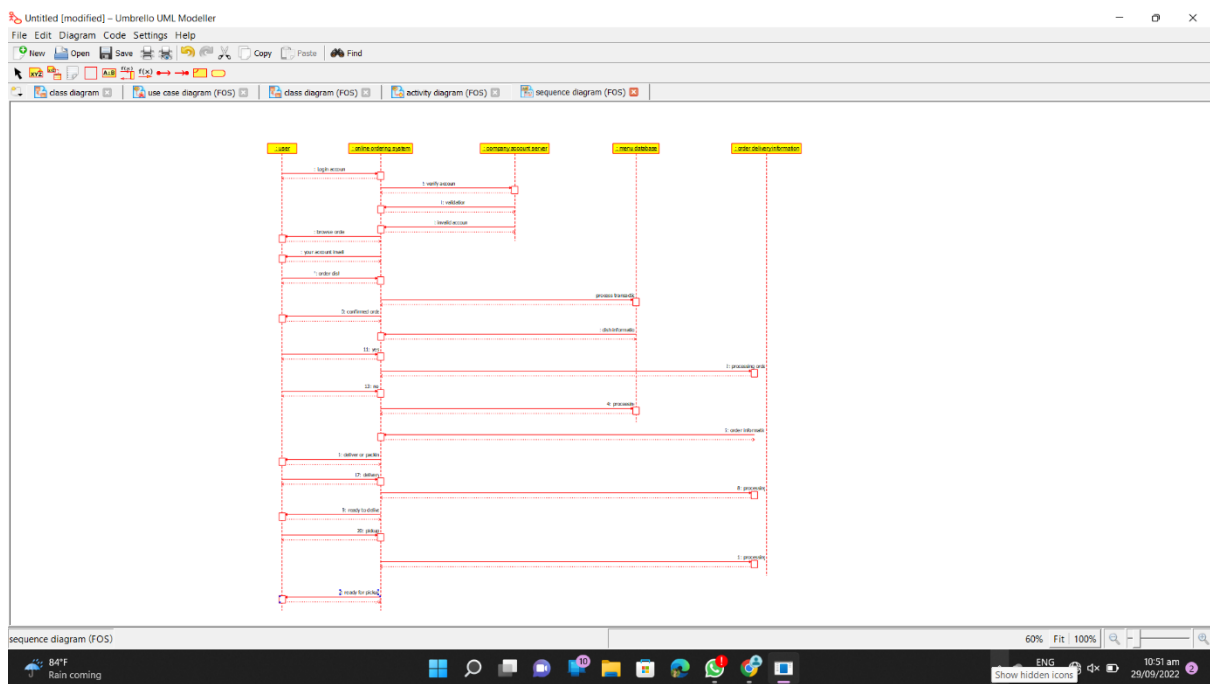
CLASS DIAGRAM :-



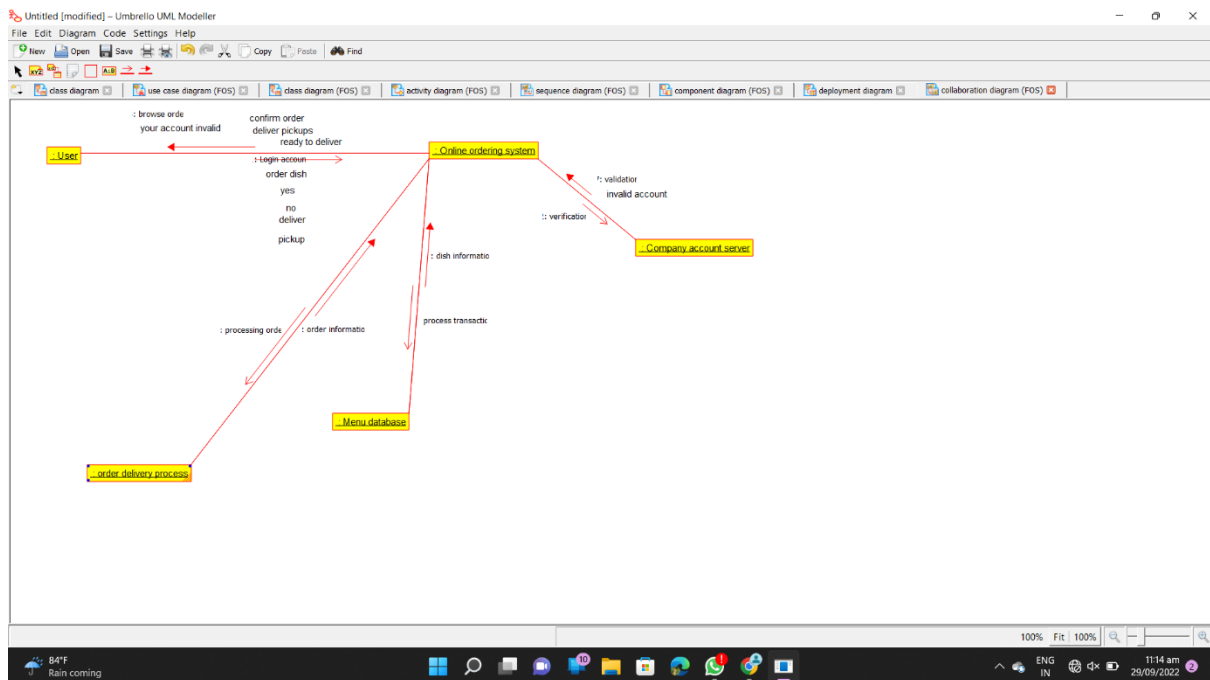
ACTIVITY DIAGRAM :-



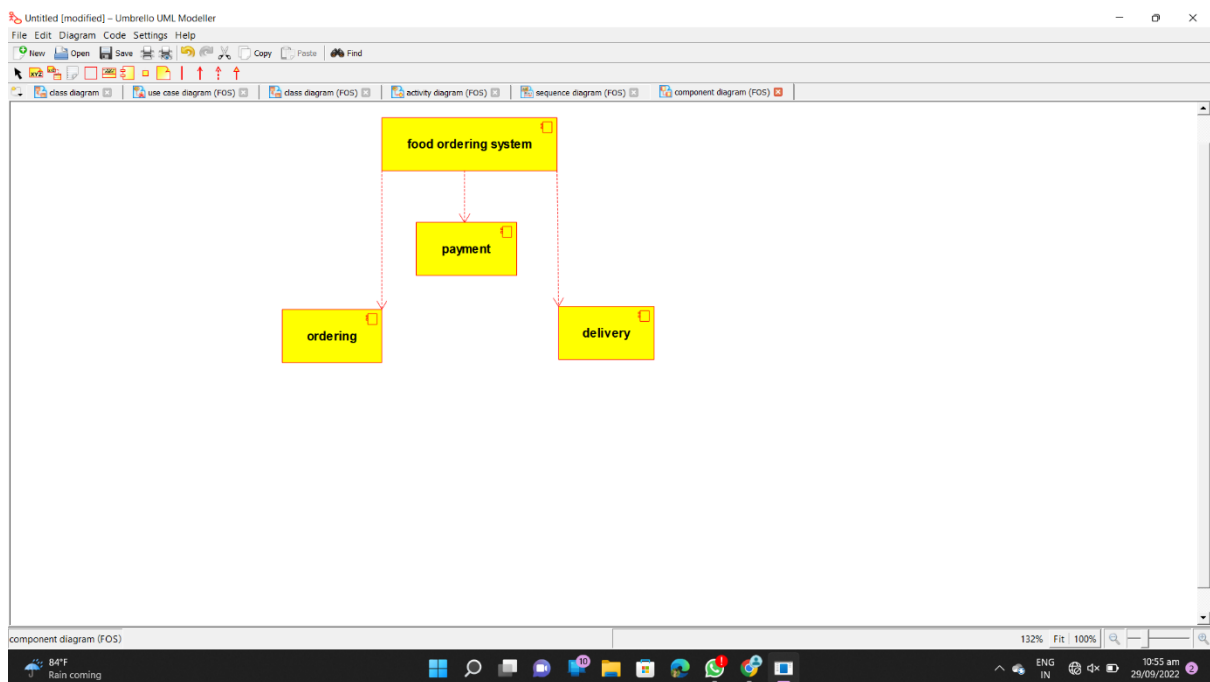
SEQUENCE DIAGRAM :-



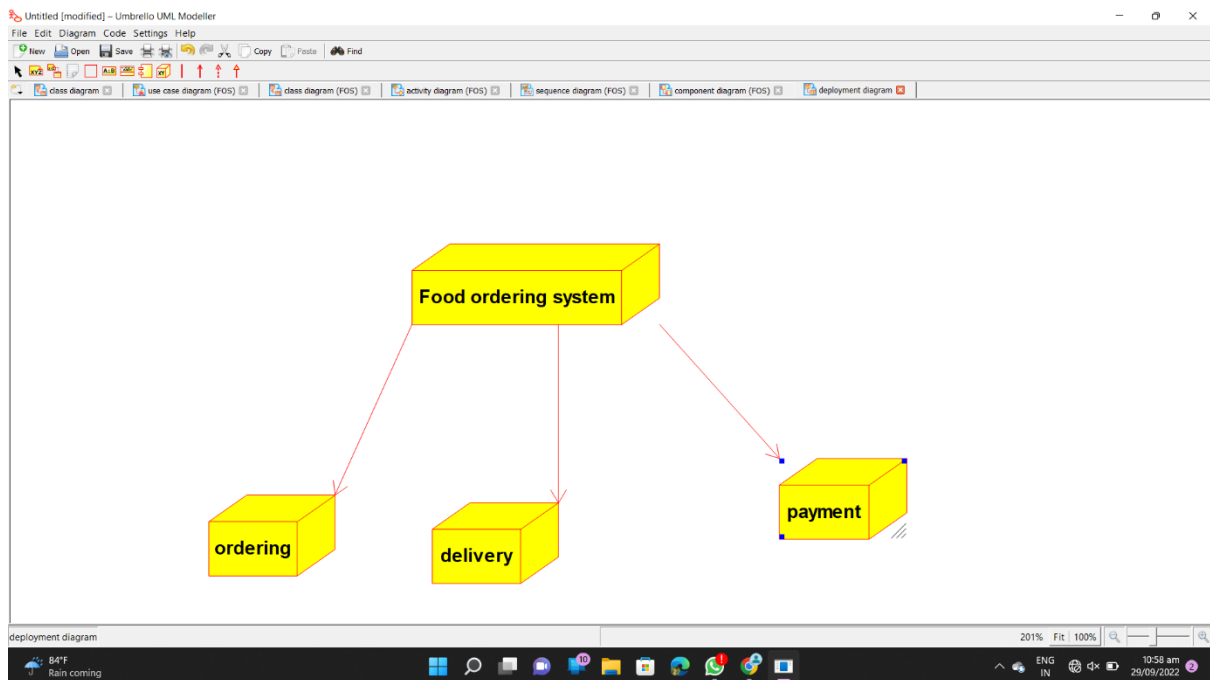
COLLABORATION DIAGRAM :-



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()

{

}

}
```