



ТЕХНИЧЕСКИ УНИВЕРСИТЕТ ВАРНА

Катедра „Софтуерни и интернет технологии“

Курсов проект

по **Обектно-ориентирано програмиране (част 2)**

Тема №15: Програма за Склад с наличности

Изготвил: **Татяна Христова и Борислав Кънчев**

Специалност: **Софтуерни и интернет технологии**

Група: **Група 3а, 3-ри курс**

Факултетен номер: **19621602 и 19621830**

Дата: 12.10.2021 г.

Проверил: **ас. В. Колесниченко**

Пълно задание на проекта

Документация

- a. Заглавна страница съдържаща името на Университета, Факултета, Катедрата, Специалността, Темата на проекта, Имената на студентите от екипа, факултетни номера.
 - b. Пълното задание (условие) на проекта.
 - c. Анализ на проблема:
 - i. Функционални изисквания.
 - ii. Структура на проекта.
 - iii. Дефиниция на модулите на системата.
 - d. Проектиране на системата:
 - i. Проектиране на отделните модули (база данни, GUI, бизнес логика);
 - ii. UML – Use Case, Class Diagram, Sequence diagram и други;
 - iii. Концептуален модел на базата от данни (ER диаграма (модел на Чен))
 - e. Реализация на системата:
 - i. Реализация на базата от данни (PostGres, Oracle, MS SQL, My SQL) – Релационна схема описание на таблиците
 - ii. Реализация на слоя за работа с базата данни (DAO, JDBC, JPA (Hibernate))
 - iii. Реализация на бизнеслогика и графичен интерфейс – Java, JavaFX
 - iv. Реализация на модул за регистриране на събития в системата – log4J
 - f. Тестови резултати:
 - i. JUnit tests
 - ii. Функционални тестове
 - iii. Интеграционни тестове
- ### 3. Изпълнение на проекта
- a. Работа в екип от двама човека;
 - b. Контрола на версиите чрез използване на система за контрол на версиите (git);

с. Предоставяне на предварителен план за разработка на проекта;
d. Актуализациите (commits) трябва да са всяка седмица и да съдържат описание;

4. Защита на проекта

a. Срок за предаване 12та седмица: 03.01.2022-14.01.2022 г.
b. Защитата на проектите ще се извърши по предварително обявен график
с. Актуализация в git направена след 01.01.2022г няма да се оценява.

5. Критерии за оценяване

a. Максималната оценка за проект, който изпълнява изискванията е 100 т.

необходимия минимум е да имате половината от всички модули (База от

данни, Даннов слой, Бизнес логика, Презентационен слой)

b. Проектите трябва да са функционални и да изпълняват дефинираните изисквания;

с. Прилагане на принципите на ООП, ясен и качествено написан код;

d. Пълна документация;

Познаване на програмата и възможността за отговаряне на въпроси по нея. Студенти, които не покажат добро познаване на своето решение (не знаят смисъла на използваните конструкции, нито начина за решаване), получават оценка слаб (2).

V. Склад с наличности

Да се разработи информационна система, предоставяща услуга склад. Програмата съхранява и обработва данни за складови наличности. Системата позволява множествен достъп.

Системата поддържа два вида потребители администратор и оператори (складов

агент) с различни роли за достъп до функционалностите в системата.

Операции за работа с потребители:

- Създаване на складови оператори от администратор;
- Създаване на доставчици;
- Създаване на клиенти;
- Създаване на каса (Парична наличност).

Системата поддържа операции за работа със събития:

- Създаване на номенклатури;
- Работа с фактури

о Приемане на стока от доставчик на доставна цена;

о Изписване на стока на продажна цена;

- Наблюдение за наличност на стоки в склада;
- Наблюдение за наличност на пари в касата;

Системата поддържа справки по произволен период за:

- Доставки и доставчици;
- Изписване и клиенти;
- Дейност на складовите оператори;
- За наличности в склада;
- Разходи, приходи, печалба.
- Движение на наличността в касата.

Системата поддържа Известия за събития:

- Критичен минимум и липса на стока;
- Критичен минимум и липса на парична наличност;

Въведение

В настоящата документация се описва моделът на изграждане на приложението “Софтуер Склад” и какви принципи са следвани при изграждане на системата.

Реализация на системата - Представят се потребителските форми за управление на данните, тестване и моделът на базата с данни.

Програмата е написана на обектно-ориентиран език за програмиране JAVA в среда за разработка NetBeans 12.0.6. и рамка за изграждане на приложения със Swing (технология, която позволява разработването на настолни приложения и може да работи на различни платформи като Windows, Mac OS, Linux и Solaris). Рамката, приета от Swing, е MVC, т.е. Model-view-controller, която осигурява абстракция между графичния потребителски интерфейс и основната структура на кода. Тази архитектура е основана на разделянето на бизнес логиката от графичния интерфейс и данните в приложението.

Системата за управление на базата с данни е MySql, на езика SQL. За връзка на Java с базата данни е използван програмният интерфейс JDBC (Java Database Connectivity - първият стандартизиран метод за интегриране на Java с базите от данни). Проектът е изграден с използването на Maven (софтуер за управление на проекти).

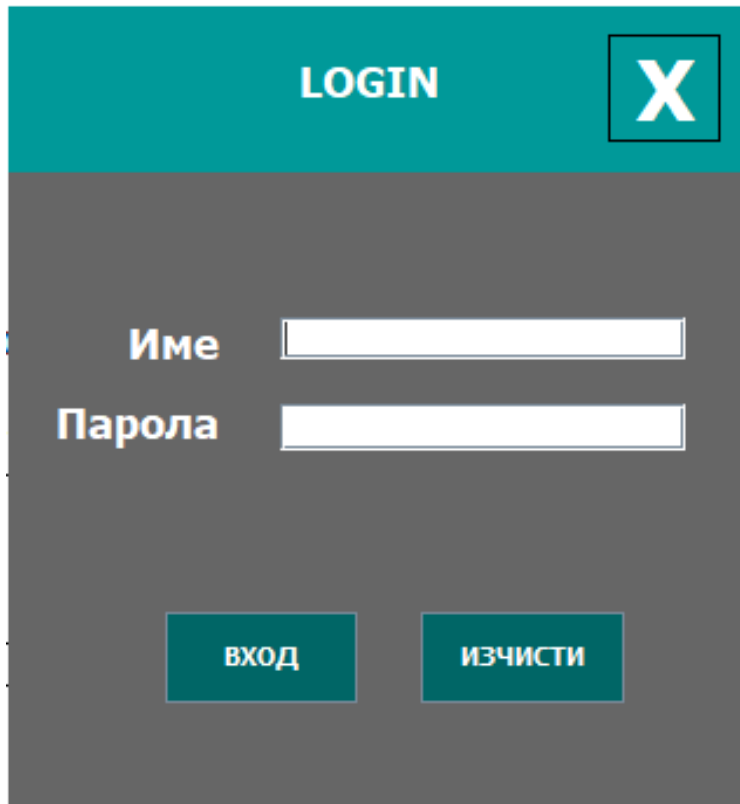
Тестовите се осъществяват чрез JUnit - framework за тестване на парчета от код(класове или методи), като се създават тестови класове.

За регистриране на съобщения за грешки в приложението, се използва log4j.

Функционални изисквания

В приложението “Софтуер Склад” има два типа потребители - администратори и оператори, като администраторите имат достъп до всички функции, а операторите - до някои от функциите.

Приложението стартира с функция за логване, където се избира дали потребителят е администратор или оператор. За да се логне, потребителят трябва да въведе потребителско име и парола. Потребителското име е уникално за всеки.

The image shows a login form with a teal header bar. The header bar contains the word "LOGIN" in white capital letters on the left and a white "X" icon inside a black square on the right. Below the header bar is a dark gray area. In this area, there are two labels in white: "Име" (Name) and "Парола" (Password). Each label is followed by a white rectangular input field. Below the input fields, there are two teal buttons with white text. The left button is labeled "ВХОД" (Login) and the right button is labeled "ИЗЧИСТИ" (Clear).

LOGIN

X

Име

Парола

ВХОД

ИЗЧИСТИ

Изображение: Логин форма

Използван метод за разпознаване на потребителя:

```
public HomeForm() {  
    initComponents();  
    admin();  
}  
  
public void admin() {  
  
    Login log = new Login();  
    if(log.getRole().equals("admin"))  
    {  
        AdminLabel.setText("Администратор");  
        LogOutButton.setVisible(false);  
    }else  
    {  
        AdminLabel.setText("Оператор");  
        UserButton.setVisible(false);  
        CashButton.setVisible(false);  
    }  
}
```

Изб.1.0 Логин метод. Взяма от клас Login ролята (администратор или оператор) и във Хоум-формата, ако се е логнал оператор, скрива бутоните за потребител и за каса, които са видими само от администратора.

Начален панел:

След като се логнат в приложението, потребителите виждат основната страница с меню за избор от няколко опции.

Ако се логне потребител тип *Администратор* , той ще види меню с опции следните модули:

- Продукти
- Категории
- Фактури

- Клиенти
- Доставчици
- Потребители
- Каса



Изоб.1.1 Начален панел за Администратор

Начален панел:

Ако се логне потребител тип *Оператор*, той ще види меню с опции следните модули:

- Продукти
- Категории
- Фактури
- Клиенти
- Доставчици



Изображение: Оператор панел

В **модул Продукти** има полета за попълване на данните на нов продукт, които включват:

Идентификационен номер, Име на продукта, Количество, Доставна цена, Продажна цена и избор от падащо меню за категория.

Модулът съдържа опции:

- Добавяне на нов продукт
- Промяна на продукта
- Изтриване на продукта
- Изход от модула

СОФТУЕР СКЛАД

ПРОДУКТИ

X

ID

4

ПРОДУКТ

КОЛИЧЕСТВО

ДОСТ. ЦЕНА

ПРОД. ЦЕНА

КАТЕГОРИЯ

Category1

ID КАТЕГОРИЯ

1

НОВ

ДОБАВИ

ПРОМЕНИ

ИЗТРИЙ

ОБРАТНО

ID	ИМЕ	КОЛИЧЕСТВО	ДОСТ. ЦЕНА	ПРОД. ЦЕНА	КАТЕГОРИЯ
1	Product1	85	10.00	20.00	Category1
3	Product3	95	28.00	35.00	Category1
2	Product2	34	15.80	40.55	Category2

Изображение: Панел с продуктите

След като бъде добавен или променен даден продукт, той се показва в таблицата с наличните му данни.

В **модул “Категории”** се обработват данните за категориите на продуктите. Съдържа полета за Идентификационен номер и име на категорията. Чрез бутон “НОВ” се дава възможност да се създаде нова категория. След попълването на данните се натиска бутон “Добави” и данните за категорията се добавят в таблицата. Има възможност за редакция или изтриване на дадена категория от съответните бутони. Излизането от панела става чрез бутон “Обратно”.

Опции:

- Добавяне
- Редакция
- Изтриване
- Обратно

СОФТУЕР СКЛАД

КАТЕГОРИИ

X

ID

5

ИМЕ

НОВ

ДОБАВИ

ПРОМЕНИ

ИЗТРИЙ

ОБРАТНО

ID	ИМЕ НА КАТЕГОРИЯ
1	Category1
2	Category2
3	Category3
4	Category4

Изображение 2: Панел с Категории

В модул “Фактури” има три таблици, бутони и полета за въвеждане на данни за нова фактура. Първата таблица е с данните на клиентите, втората таблица с продуктите, третата таблица е с поръчките, в която се показват данните за направена поръчка след като те бъдат въведени от текстовите полета и бъде натиснат бутон “Запиши”.

Чрез бутон “Принтирай” се изкарва фактурата.

СОФТУЕР СКЛАД

ФАКТУРИ

X

ID	ИМЕ	ТЕЛЕФОН
1	Klient1	0851815
2	Klient2	052514512
3	Klient3	0812545

ID	ИМЕ	КОЛИЧЕСТВО	ДОСТ. ЦЕНА	ПРОД. ЦЕНА	КАТЕГОРИЯ	КАТ. ID
1	Product1	85	10.00	20.00	Category1	1
3	Product3	95	28.00	35.00	Category1	1
2	Product2	34	15.80	40.55	Category2	2

ОРДЕР ID

21

ДАТА

13/01/2022

КЛИЕНТ

ПРОДУКТ

КАТЕГОРИЯ

КОЛИЧЕСТВО

ДОСТ. ЦЕНА

ПРОД. ЦЕНА

ДОБАВИ

ПРИНТИРАЙ

ЗАПИШИ

ОБРАТНО

ID

ДАТА

КЛИЕНТ

ПРОДУКТ

КАТЕГО...

КОЛИЧ...

ДОСТ. ...

ПРОД. ...

ПРОД. ID

КАТ. ID

КЛИЕН...

Доставна сума

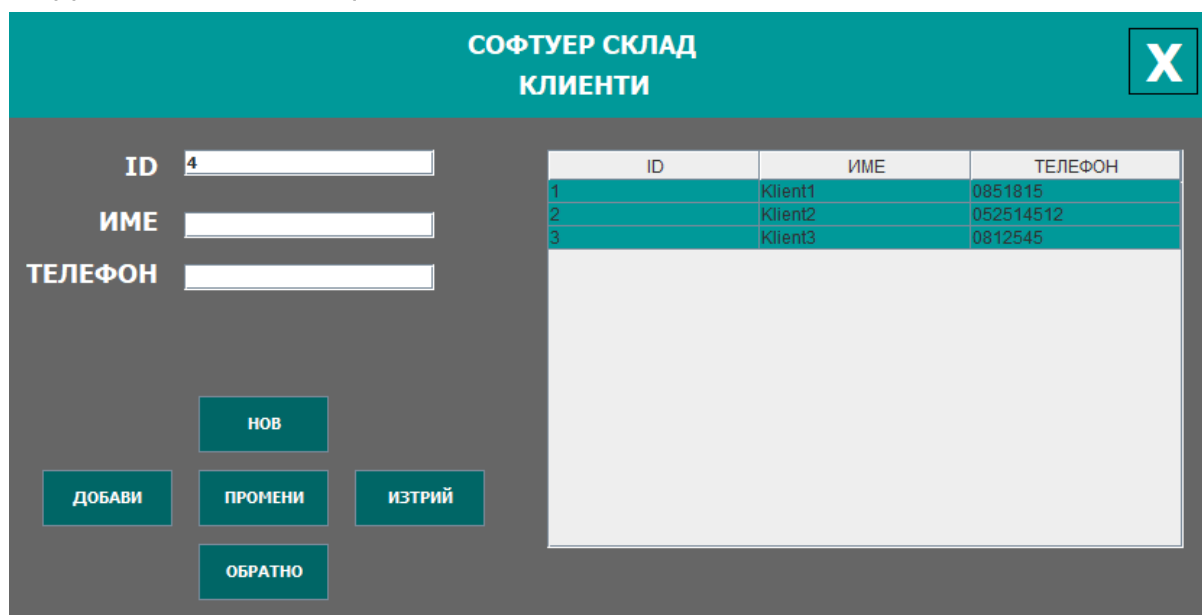
Продажна сума

В **модул Клиенти** се съдържат полета за добавяне на Идентификационен номер, Име и Телефон на клиента.

Опциите са:

- Добавяне на нов клиент
- Изтриване на съществуващ клиент
- Редакция на съществуващ клиент
- Изход от модула

След като се добави, промени или изтрие даден клиент, данните му се добавят в таблицата.



ID	ИМЕ	ТЕЛЕФОН
1	Klient1	0851815
2	Klient2	052514512
3	Klient3	0812545

Изображение 3. Панел Клиенти

В **модул Доставчици** се избира между следните опции:

- Създаване на нов доставчик
- Редакция на доставчик
- Изтриване на доставчик

При избор “Създаване на нов доставчик” се попълват данните му - Идентификационен номер, име и телефон. Данните на новия доставчик се добавят към таблицата.

СОФТУЕР СКЛАД
ДОСТАВЧИЦИ

X

ID

3

ИМЕ

ТЕЛЕФОН

ДОВАБИ

ПРОМЕНИ

ИЗТРИЙ

ОБРАТНО

НОВ

ID	ИМЕ	ТЕЛЕФОН
1	Provider1	051521561
2	Provider2	054152165

Изображение 4. Панел с доставчиците

В модул “Потребители” се дава възможност за избор от следните опции:

- Добавяне на нов потребител
- Редакция
- Изтриване

При избор “НОВ” се изчистват полетата и след това се попълнват данните за новия потребител: идентификационен номер, име, парола, телефон и идентификационен номер за вида на потребителя (за ролята му - дали е администратор или потребител).

Ако искаме да редактираме оператор се въвежда идентификационни номер на оператора, чиито данни ще бъдат променени. След промяната се натиска бутон Промени, ако искаме да запазим редакцията или бутон Изтрий, ако искаме да изтрием потребителя.

СОФТУЕР СКЛАД

ПОТРЕБИТЕЛИ

X

ID

ИМЕ

ПАРОЛА

ТЕЛЕФОН

ID ВИД ПОТРЕБИТЕЛ

НОВ

ДОБАВИ

ПРОМЕНИ

ИЗТРИЙ

ОБРАТНО

ID	ТЕЛЕФОН	ID ВИД ПОТР...	User_phone	User_role_id
1	admin	1234	088545514	1
2	operator	4321	0515416	2

Изображение 5. Панел за Потребители

Панелът за потребители е достъпен само за потребител с роля Администратор!

В **модул Каса** се виждат наличните суми в касата. От този панел могат да се добавят или да се изваждат суми, натрупани в склада. Съдържа полета с идентификационен номер, дата, поле за въвеждане на цена и поле за извеждане на цена.

От бутоните могат да се изберат следните опции:

- НОВ
- Добавяне
- Промяна
- Изтриване
- Обратно

СОФТУЕР СКЛАД

КАСА

X

ID 9

ДАТА 13/01/2022

+

въведи

0

-

изведи

0

ДОБАВИ

НОВ

ПРОМЕНИ

ОБРАТНО

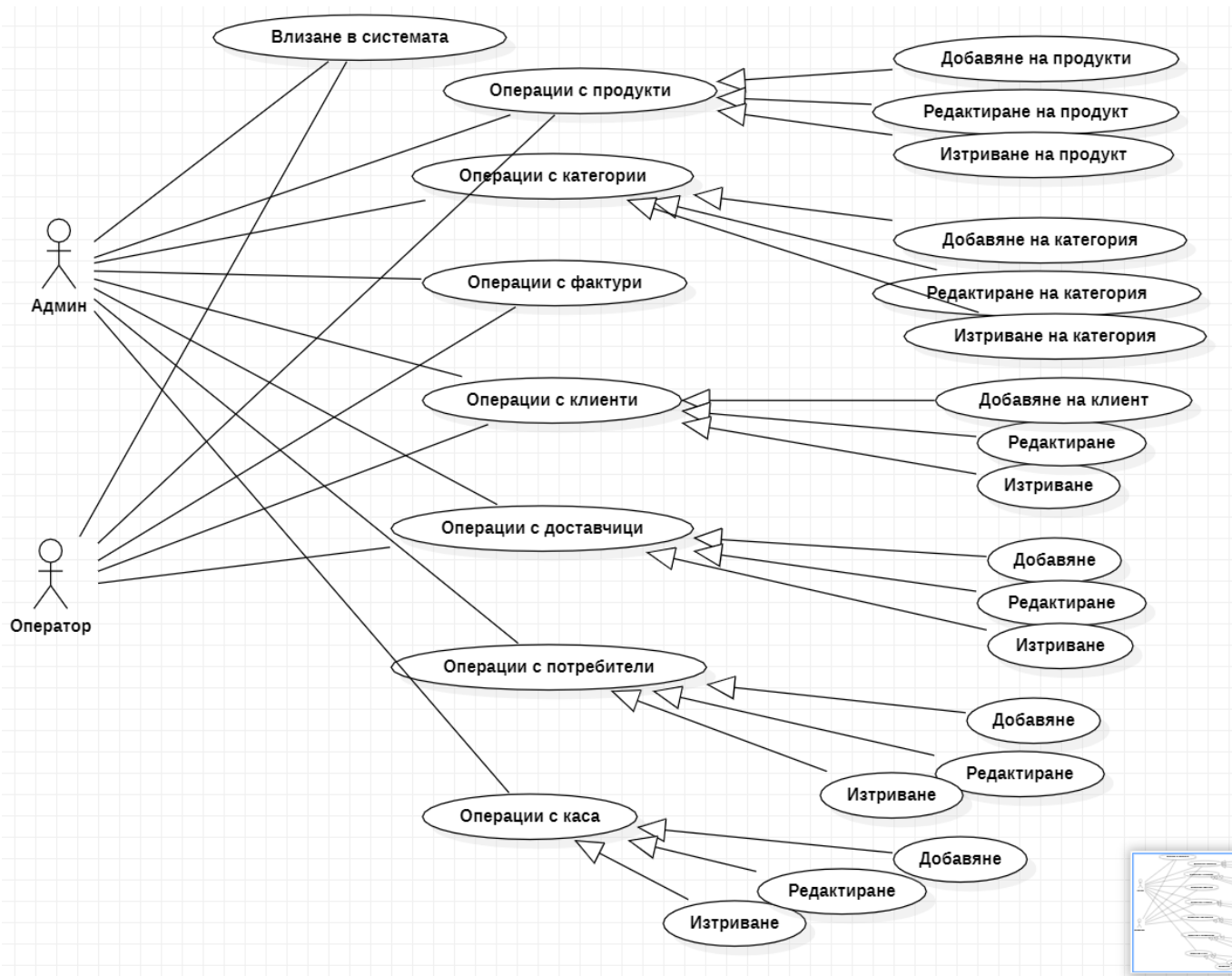
ИЗТРИЙ

Изображение: Панел за касата

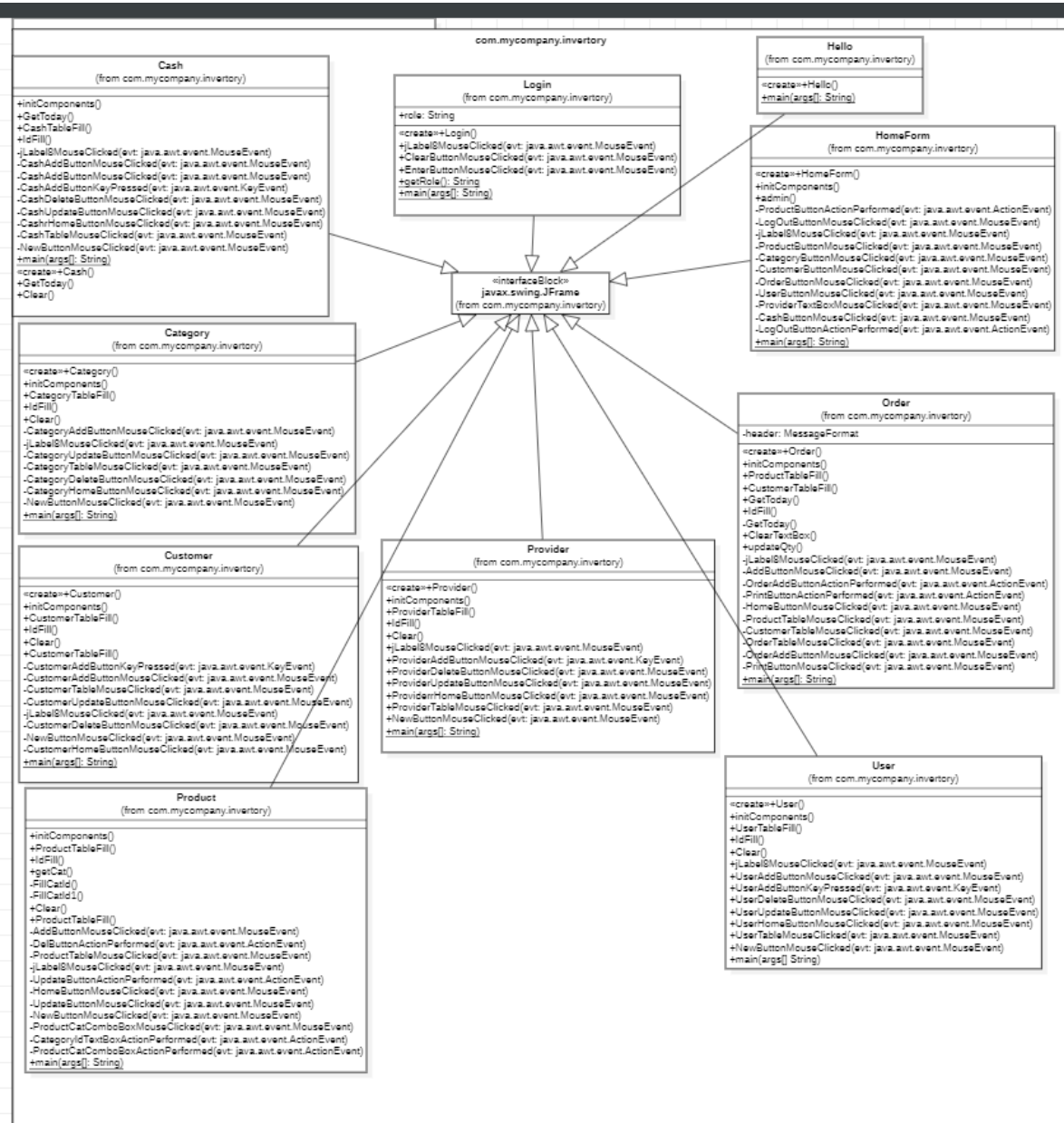
Панелът КАСА е достъпен само за потребител с роля Администратор!

ДИАГРАМИ

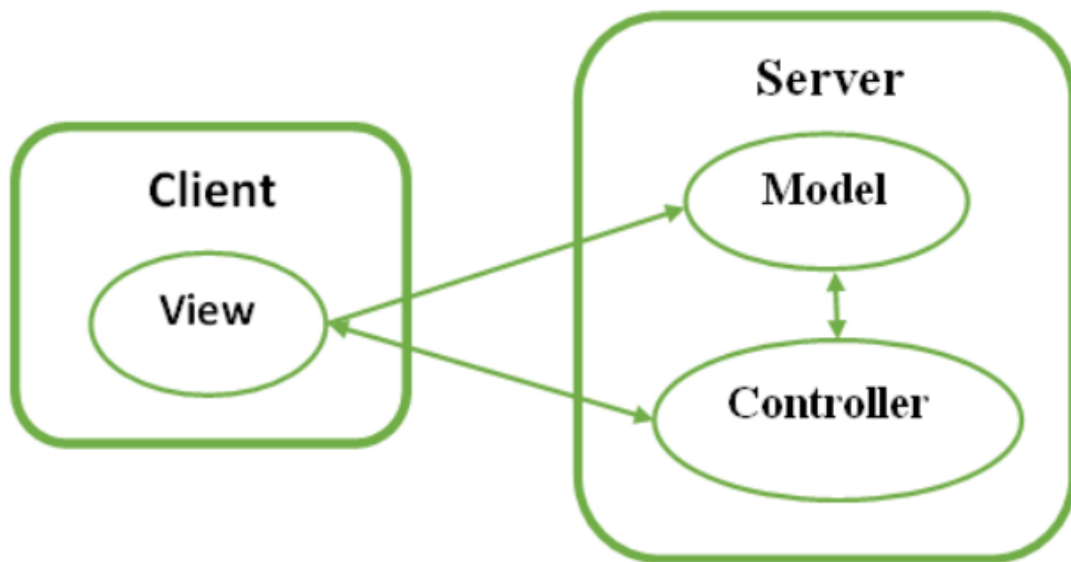
Use-case diagram



CLASS-DIAGRAM

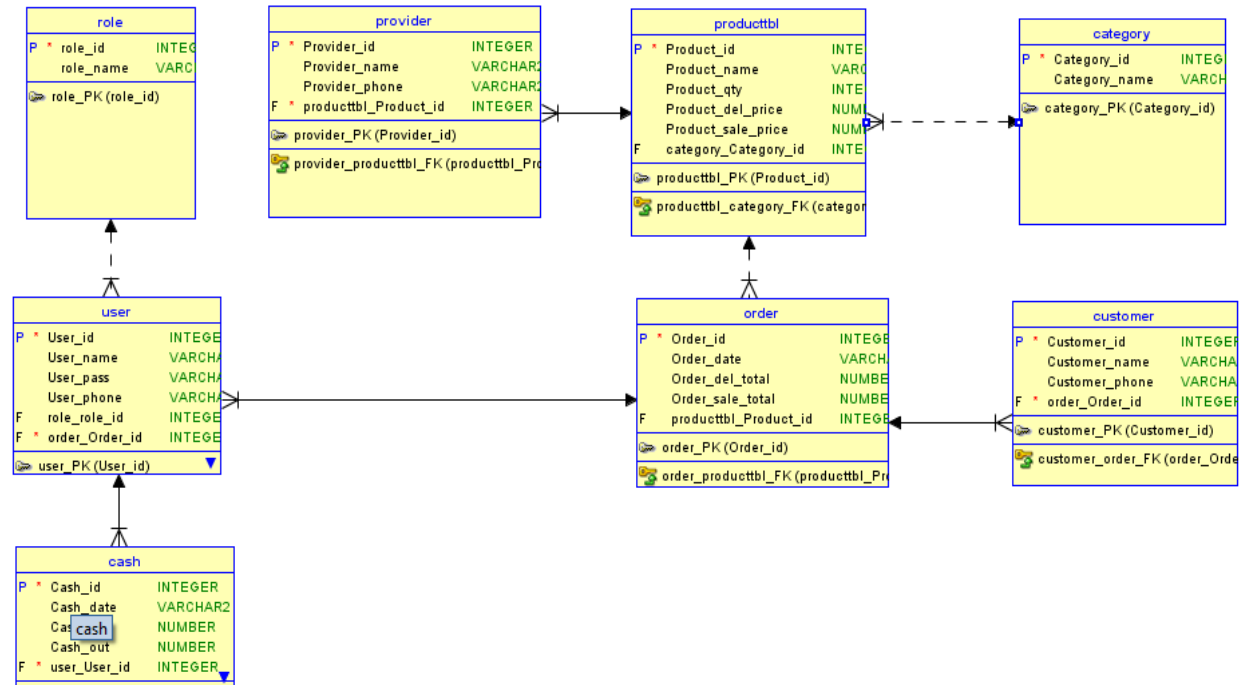


Model-view-controller архитектура

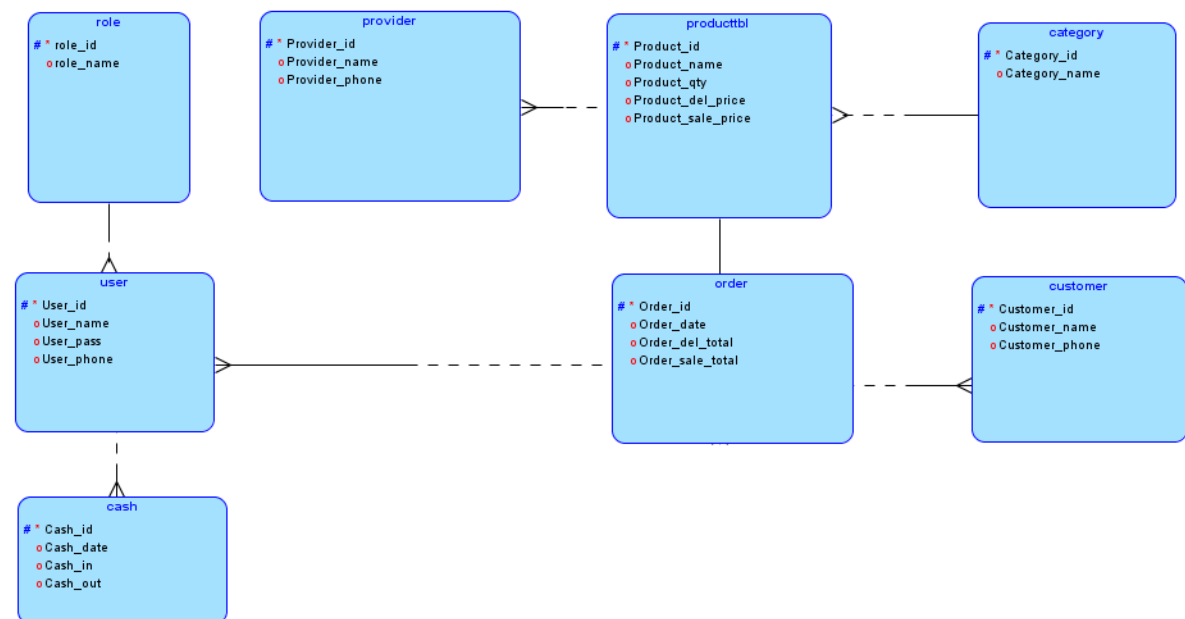


Модели на Базата данни

Релационен модел



Логически модел



Основни таблици и техните атрибути

- **role**

Съдържаща в себе си атрибути идентификационен номер(role_id) и име(role_name).

Идеята на таблицата е да съхранява данни за ролята на потребителя в системата - дали е администратор или оператор.

- **user**

Съдържаща в себе си атрибути идентификационен номер(User_id), потребителско име(User_name), парола (User_pass), телефонен номер (User_phone), foreign key за ролята на потребителя (role_role_id), foreign key за поръчката на потребителя (order_Order_id).

Идеята на таблицата е да съхранява данните на потребителя и какви поръчки е направил.

- **cash**

Съдържаща в себе си атрибути идентификационен номер(Cash_id), дата (Cash_data), въведени пари в касата (Cash_in), изведени пари от касата номер (Cash_out) и foreign key за ИД-то на потребителя (user_User_id).

Таблицата съхранява данни за касата в приложението.

- **provider**

Съдържаща в себе си атрибути идентификационен номер(Provider_id), име на доставчика(Provider_name), телефонен номер (Provider_phone), foreign key за продуктите (producttbl_Product_id).

Таблицата съдържа данните на доставчиците.

- **producttbl**

Съдържа атрибути за продуктите - име на продукт (Product_name), идентификационен номер на продукт (Product_id), количество (Product_qty), доставна цена на продукта (Product_del_price),

продажна цена на продукта (Product_sale_price) и foreign key за категорията на продукта (category_Category_id).

Таблицата съхранява данните за продуктите.

- order

Съдържа атрибути за поръчките - идентификационен номер на поръчка (Order_id), дата на поръчка (Order_date), доставна цена (Order_del_total), продажна цена (Order_sale_total) и foreign key за продукта (producttbl_Product_id).

Таблицата съдържа данните за поръчките.

- category

Съдържа атрибути за категориите - идентификационен номер на категория (Category_id) и име на категорията (Category_name).

Таблицата съхранява данни за категориите в програмата.

- customer

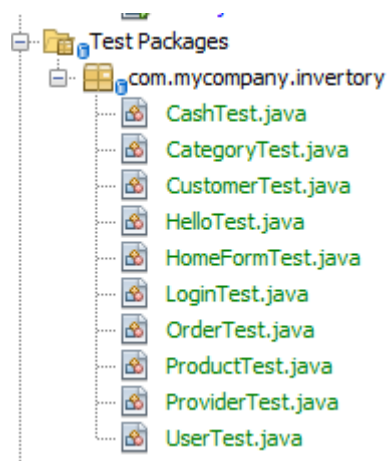
Съдържа атрибути за клиентите - идентификационен номер на клиент (Customer_id), име на клиента (Customer_name), телефонен номер на клиента (Customer_phone) и foreign key за поръчката (order_Order_id).

Таблицата съхранява данни на клиентите.

Тестване

Когато премине изпълнението на дефинираните задачи следва тестване и корекции при откриване на грешки и несъответствия. При откриване на грешки, се отстраняват и системата отново бива подлагана на тест.

Тестови класове:



Тестовите проверяват дали всеки от класовете в програмата работи коректно.

Заклучение

Програмата “Софтуер склад” е завършена и поставените изисквания са реализирани. Резултатите от прилагането на системата са идентификация на потребителите, подобряване управлението на поръчките, улеснено фактуриране, улеснено боравене с инвентара, съхраняване на данни за клиенти и доставчици. Чрез тази програма складовете могат да подобряват отчетността си и достъпа до оперативната информация, което от своя страна подобрява контролът във фирмата и качествено изпълнение на дейностите.

Като следващ етап в развитието си, в системата могат да се добавят допълнителни функционалности за различни справки, според нуждите на поръчителите на програмата.

КОД НА ПРОГРАМАТА

```
//Hello.java
```

```
package com.mycompany.invertory;
```

```
import java.sql.SQLException;  
import java.util.logging.Level;  
import java.util.logging.Logger;
```

```
/**  
 *  
 * @author Acer  
 */
```

```

public class Hello extends javax.swing.JFrame {

    public Hello() {
        initComponents();
    }

    @SuppressWarnings("unchecked")
    // <editor-fold defaultstate="collapsed" desc="Generated Code">
    private void initComponents() {

        jPanel1 = new javax.swing.JPanel();
        MyProgress = new javax.swing.JProgressBar();
        jPanel2 = new javax.swing.JPanel();
        jLabel1 = new javax.swing.JLabel();
        Percent = new javax.swing.JLabel();

        setDefaultCloseOperation(javax.swing.WindowConstants.EXIT_ON_CL
        OSE);
        setUndecorated(true);

        jPanel1.setBackground(new java.awt.Color(102, 102, 102));
        jPanel1.setForeground(new java.awt.Color(255, 255, 255));

        MyProgress.setForeground(new java.awt.Color(0, 153, 153));

        jPanel2.setBackground(new java.awt.Color(0, 153, 153));

        jLabel1.setFont(new java.awt.Font("Tahoma", 1, 18)); // NOI18N
        jLabel1.setForeground(new java.awt.Color(255, 255, 255));
        jLabel1.setText("СОФТУЕР СКЛАД");

        javax.swing.GroupLayout jPanel2Layout = new
        javax.swing.GroupLayout(jPanel2);
        jPanel2.setLayout(jPanel2Layout);
    }
}

```



```

jPanel2Layout.setHorizontalGroup(

jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.
LEADING)
    .addGroup(jPanel2Layout.createSequentialGroup())
    .addGap(127, 127, 127)
    .addComponent(jLabel1)
    .addContainerGap(162, Short.MAX_VALUE))
);
jPanel2Layout.setVerticalGroup(

jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.
LEADING)
    .addGroup(jPanel2Layout.createSequentialGroup())
    .addGap(19, 19, 19)
    .addComponent(jLabel1)
    .addContainerGap(20, Short.MAX_VALUE))
);

Percent.setFont(new java.awt.Font("Tahoma", 1, 18)); // NOI18N
Percent.setForeground(new java.awt.Color(255, 255, 255));
Percent.setText("%");

javax.swing.GroupLayout jPanel1Layout = new
javax.swing.GroupLayout(jPanel1);
jPanel1.setLayout(jPanel1Layout);
jPanel1Layout.setHorizontalGroup(

jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.
LEADING)
    .addComponent(MyProgress,
javax.swing.GroupLayout.Alignment.TRAILING,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
    .addComponent(jPanel2,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)

```

```

        .addGroup(jPanel1Layout.createSequentialGroup())
        .addGap(198, 198, 198)
        .addComponent(Percent)
        .addContainerGap(javax.swing.GroupLayout.DEFAULT_SIZE,
Short.MAX_VALUE))
    );
    jPanel1Layout.setVerticalGroup(

```

```

jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.
LEADING)

```

```

        .addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
jPanel1Layout.createSequentialGroup())
        .addComponent(jPanel2,
javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE)

```

```

        .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELA
TED, 210, Short.MAX_VALUE)
        .addComponent(Percent)
        .addGap(18, 18, 18)
        .addComponent(MyProgress,
javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE))
    );

```

```

        javax.swing.GroupLayout layout = new
javax.swing.GroupLayout(getContentPane());
        getContentPane().setLayout(layout);
        layout.setHorizontalGroup(

```

```

layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADIN
G)

```

```

        .addComponent(jPanel1,
javax.swing.GroupLayout.Alignment.TRAILING,

```

```

javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
    );
    layout.setVerticalGroup(

layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
    .addComponent(jPanel1,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
    );

    pack();
    setLocationRelativeTo(null);
} // </editor-fold>

/**
 * @param args the command line arguments
 */
public static void main(String args[]) {
    Hello MyHello = new Hello();
    MyHello.setVisible(true);
    int sl=40;
    try {
        for (int i=0; i<=100; i++){
            Thread.sleep(40);
            MyHello.MyProgress.setValue(i);
            MyHello.Percent.setText(Integer.valueOf(i)+"%");
        }

    } catch (InterruptedException ex) {
        Logger.getLogger(Hello.class.getName()).log(Level.SEVERE,
null, ex);
    }
    new Login().setVisible(true);
    MyHello.dispose();
}

```

```

    }

    // Variables declaration - do not modify
    private javax.swing.JProgressBar MyProgress;
    private javax.swing.JLabel Percent;
    private javax.swing.JLabel jLabel1;
    private javax.swing.JPanel jPanel1;
    private javax.swing.JPanel jPanel2;
    // End of variables declaration
}

//HomeForm

package com.mycompany.invertory;

public class HomeForm extends javax.swing.JFrame {

    public HomeForm() {
        initComponents();
        admin();
    }

    public void admin(){

        Login log = new Login();
        if(log.getRole().equals("admin"))
        {
            AdminLabel.setText("Администратор");
            LogOutButton.setVisible(false);
        }else
        {
            AdminLabel.setText("Оператор");
        }
    }
}

```

```
        UserButton.setVisible(false);
        CashButton.setVisible(false);
    }
}
```

```
@SuppressWarnings("unchecked")
// <editor-fold defaultstate="collapsed" desc="Generated Code">
private void initComponents() {
```

```
    jPanel1 = new javax.swing.JPanel();
    jPanel2 = new javax.swing.JPanel();
    jLabel2 = new javax.swing.JLabel();
    jLabel8 = new javax.swing.JLabel();
    LogOutButton = new javax.swing.JButton();
    CustomerButton = new javax.swing.JButton();
    OrderButton = new javax.swing.JButton();
    CategoryButton = new javax.swing.JButton();
    ProductButton = new javax.swing.JButton();
    UserButton = new javax.swing.JButton();
    ProviderTextBox = new javax.swing.JTextField();
    CashButton = new javax.swing.JButton();
    AdminLabel = new javax.swing.JLabel();
```

```
setDefaultCloseOperation(javax.swing.WindowConstants.EXIT_ON_CLOSE);
```

```
    setName("HomeFrame"); // NOI18N
    setUndecorated(true);
```

```
    jPanel1.setBackground(new java.awt.Color(102, 102, 102));
```

```
    jPanel2.setBackground(new java.awt.Color(0, 153, 153));
```

```
    jLabel2.setFont(new java.awt.Font("Tahoma", 1, 18)); // NOI18N
    jLabel2.setForeground(new java.awt.Color(255, 255, 255));
    jLabel2.setText("СОФТУЕР СКЛАД");
```

```

jLabel8.setFont(new java.awt.Font("Tahoma", 1, 36)); // NOI18N
jLabel8.setForeground(new java.awt.Color(255, 255, 255));
jLabel8.setText(" X");
jLabel8.setBorder(javax.swing.BorderFactory.createLineBorder(new
java.awt.Color(0, 0, 0)));
jLabel8.addMouseListener(new java.awt.event.MouseAdapter() {
    public void mouseClicked(java.awt.event.MouseEvent evt) {
        jLabel8MouseClicked(evt);
    }
});

```

```

javax.swing.GroupLayout jPanel2Layout = new
javax.swing.GroupLayout(jPanel2);
jPanel2.setLayout(jPanel2Layout);
jPanel2Layout.setHorizontalGroup(

```

```

jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.
LEADING)
    .addGroup(jPanel2Layout.createSequentialGroup()
        .addGap(242, 242, 242)
        .addComponent(jLabel2)

```

```

        .addGap(javax.swing.LayoutStyle.ComponentPlacement.RELA
TED, javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
        .addComponent(jLabel8,
javax.swing.GroupLayout.PREFERRED_SIZE, 48,
javax.swing.GroupLayout.PREFERRED_SIZE)
        .addContainerGap())
    );
jPanel2Layout.setVerticalGroup(

```

```

jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.
LEADING)
    .addGroup(jPanel2Layout.createSequentialGroup()
        .addGap(javax.swing.GroupLayout.Alignment.TRAILING,
jPanel2Layout.createSequentialGroup()

```

```

        .addContainerGap(javax.swing.GroupLayout.DEFAULT_SIZE,
Short.MAX_VALUE)
        .addComponent(jLabel2)
        .addGap(19, 19, 19))
    .addGroup(jPanel2Layout.createSequentialGroup()
        .addContainerGap()
        .addComponent(jLabel8)
        .addContainerGap(javax.swing.GroupLayout.DEFAULT_SIZE,
Short.MAX_VALUE))
    );

```

```

    LogOutButton.setBackground(new java.awt.Color(0, 102, 102));
    LogOutButton.setFont(new java.awt.Font("Tahoma", 1, 11)); //
NOI18N
    LogOutButton.setForeground(new java.awt.Color(255, 255, 255));
    LogOutButton.setText("LogOut");
    LogOutButton.setToolTipText("");
    LogOutButton.addMouseListener(new
java.awt.event.MouseAdapter() {
        public void mouseClicked(java.awt.event.MouseEvent evt) {
            LogOutButtonMouseClicked(evt);
        }
    });
    LogOutButton.addActionListener(new
java.awt.event.ActionListener() {
        public void actionPerformed(java.awt.event.ActionEvent evt) {
            LogOutButtonActionPerformed(evt);
        }
    });

```

```

    CustomerButton.setBackground(new java.awt.Color(0, 102, 102));
    CustomerButton.setFont(new java.awt.Font("Tahoma", 1, 11)); //
NOI18N
    CustomerButton.setForeground(new java.awt.Color(255, 255,
255));
    CustomerButton.setText("КЛИЕНТИ");
    CustomerButton.setToolTipText("");

```

```
CustomerButton.addMouseListener(new
java.awt.event.MouseAdapter() {
    public void mouseClicked(java.awt.event.MouseEvent evt) {
        CustomerButtonMouseClicked(evt);
    }
});
```

```
OrderButton.setBackground(new java.awt.Color(0, 102, 102));
OrderButton.setFont(new java.awt.Font("Tahoma", 1, 11)); //
NOI18N
```

```
OrderButton.setForeground(new java.awt.Color(255, 255, 255));
OrderButton.setText("ФАКТУРИ");
OrderButton.setToolTipText("");
OrderButton.addMouseListener(new
java.awt.event.MouseAdapter() {
    public void mouseClicked(java.awt.event.MouseEvent evt) {
        OrderButtonMouseClicked(evt);
    }
});
```

```
CategoryButton.setBackground(new java.awt.Color(0, 102, 102));
CategoryButton.setFont(new java.awt.Font("Tahoma", 1, 11)); //
NOI18N
```

```
CategoryButton.setForeground(new java.awt.Color(255, 255, 255));
CategoryButton.setText("КАТЕГОРИИ");
CategoryButton.setToolTipText("");
CategoryButton.addMouseListener(new
java.awt.event.MouseAdapter() {
    public void mouseClicked(java.awt.event.MouseEvent evt) {
        CategoryButtonMouseClicked(evt);
    }
});
```

```
ProductButton.setBackground(new java.awt.Color(0, 102, 102));
ProductButton.setFont(new java.awt.Font("Tahoma", 1, 11)); //
NOI18N
ProductButton.setForeground(new java.awt.Color(255, 255, 255));
```



```

        ProductButton.setText("ПРОДУКТИ");
        ProductButton.setToolTipText("");
        ProductButton.addMouseListener(new
java.awt.event.MouseAdapter() {
            public void mouseClicked(java.awt.event.MouseEvent evt) {
                ProductButtonMouseClicked(evt);
            }
        });
        ProductButton.addActionListener(new
java.awt.event.ActionListener() {
            public void actionPerformed(java.awt.event.ActionEvent evt) {
                ProductButtonActionPerformed(evt);
            }
        });

```

```

        UserButton.setBackground(new java.awt.Color(0, 102, 102));
        UserButton.setFont(new java.awt.Font("Tahoma", 1, 11)); // NOI18N
        UserButton.setForeground(new java.awt.Color(255, 255, 255));
        UserButton.setText("ПОТРЕБИТЕЛИ");
        UserButton.setToolTipText("");
        UserButton.addMouseListener(new java.awt.event.MouseAdapter()
{
            public void mouseClicked(java.awt.event.MouseEvent evt) {
                UserButtonMouseClicked(evt);
            }
        });

```

```

        ProviderTextBox.setBackground(new java.awt.Color(0, 102, 102));
        ProviderTextBox.setFont(new java.awt.Font("Tahoma", 1, 11)); //
NOI18N
        ProviderTextBox.setForeground(new java.awt.Color(255, 255,
255));
        ProviderTextBox.setText("ДОСТАВЧИЦИ");
        ProviderTextBox.setToolTipText("");
        ProviderTextBox.addMouseListener(new
java.awt.event.MouseAdapter() {
            public void mouseClicked(java.awt.event.MouseEvent evt) {

```

```

        ProviderTextBoxMouseClicked(evt);
    }
});

CashButton.setBackground(new java.awt.Color(0, 102, 102));
CashButton.setFont(new java.awt.Font("Tahoma", 1, 11)); //
NOI18N
CashButton.setForeground(new java.awt.Color(255, 255, 255));
CashButton.setText("KACA");
CashButton.setToolTipText("");
CashButton.addMouseListener(new java.awt.event.MouseAdapter()
{
    public void mouseClicked(java.awt.event.MouseEvent evt) {
        CashButtonMouseClicked(evt);
    }
});

AdminLabel.setFont(new java.awt.Font("Tahoma", 1, 18)); //
NOI18N
AdminLabel.setForeground(new java.awt.Color(255, 255, 255));

javax.swing.GroupLayout jPanel1Layout = new
javax.swing.GroupLayout(jPanel1);
jPanel1.setLayout(jPanel1Layout);
jPanel1Layout.setHorizontalGroup(

jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.
LEADING)
    .addComponent(jPanel2,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
    .addGroup(jPanel1Layout.createSequentialGroup()
        .addContainerGap(javax.swing.GroupLayout.DEFAULT_SIZE,
Short.MAX_VALUE)

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout
.Alignment.LEADING, false)

```

```

        .addGroup(jPanel1Layout.createSequentialGroup())

        .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout
        .Alignment.LEADING)

        .addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
        jPanel1Layout.createSequentialGroup()
            .addComponent(ProductButton,
            javax.swing.GroupLayout.PREFERRED_SIZE, 115,
            javax.swing.GroupLayout.PREFERRED_SIZE)
            .addGap(18, 18, 18)
            .addComponent(CategoryButton,
            javax.swing.GroupLayout.PREFERRED_SIZE, 115,
            javax.swing.GroupLayout.PREFERRED_SIZE)
            .addGap(18, 18, 18)
            .addComponent(OrderButton,
            javax.swing.GroupLayout.PREFERRED_SIZE, 115,
            javax.swing.GroupLayout.PREFERRED_SIZE)
            .addGap(18, 18, 18)
            .addComponent(CustomerButton,
            javax.swing.GroupLayout.PREFERRED_SIZE, 115,
            javax.swing.GroupLayout.PREFERRED_SIZE)
            .addGap(18, 18, 18)
            .addComponent(ProviderTextBox,
            javax.swing.GroupLayout.PREFERRED_SIZE, 115,
            javax.swing.GroupLayout.PREFERRED_SIZE))
            .addComponent(AdminLabel,
            javax.swing.GroupLayout.Alignment.TRAILING))
            .addContainerGap())
        .addGroup(jPanel1Layout.createSequentialGroup()
            .addComponent(UserButton,
            javax.swing.GroupLayout.PREFERRED_SIZE, 115,
            javax.swing.GroupLayout.PREFERRED_SIZE)
            .addGap(18, 18, 18)
            .addComponent(CashButton,
            javax.swing.GroupLayout.PREFERRED_SIZE, 115,
            javax.swing.GroupLayout.PREFERRED_SIZE)

```

```

        .addGap(0, 0, Short.MAX_VALUE))))

    .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout
    .Alignment.LEADING)
        .addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
jPanel1Layout.createSequentialGroup()
            .addContainerGap(282, Short.MAX_VALUE)
            .addComponent(LogOutButton,
javax.swing.GroupLayout.PREFERRED_SIZE, 82,
javax.swing.GroupLayout.PREFERRED_SIZE)
            .addGap(281, 281, 281)))
    );
    jPanel1Layout.setVerticalGroup(

jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.
LEADING)
    .addGroup(jPanel1Layout.createSequentialGroup())
        .addComponent(jPanel2,
javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE)
            .addGap(12, 12, 12)
            .addComponent(AdminLabel)
            .addGap(18, 18, 18)

    .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout
    .Alignment.BASELINE)
        .addComponent(CategoryButton,
javax.swing.GroupLayout.PREFERRED_SIZE, 98,
javax.swing.GroupLayout.PREFERRED_SIZE)
            .addComponent(ProductButton,
javax.swing.GroupLayout.PREFERRED_SIZE, 98,
javax.swing.GroupLayout.PREFERRED_SIZE)
            .addComponent(OrderButton,
javax.swing.GroupLayout.PREFERRED_SIZE, 98,
javax.swing.GroupLayout.PREFERRED_SIZE)

```

```

        .addComponent(CustomerButton,
javax.swing.GroupLayout.PREFERRED_SIZE, 98,
javax.swing.GroupLayout.PREFERRED_SIZE)
        .addComponent(ProviderTextBox,
javax.swing.GroupLayout.PREFERRED_SIZE, 98,
javax.swing.GroupLayout.PREFERRED_SIZE))
        .addGap(18, 18, 18)

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout
.Alignment.BASELINE)
        .addComponent(CashButton,
javax.swing.GroupLayout.PREFERRED_SIZE, 98,
javax.swing.GroupLayout.PREFERRED_SIZE)
        .addComponent(UserButton,
javax.swing.GroupLayout.PREFERRED_SIZE, 98,
javax.swing.GroupLayout.PREFERRED_SIZE))
        .addContainerGap(63, Short.MAX_VALUE))

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout
.Alignment.LEADING)
        .addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
jPanel1Layout.createSequentialGroup()
        .addContainerGap(272, Short.MAX_VALUE)
        .addComponent(LogOutButton,
javax.swing.GroupLayout.PREFERRED_SIZE, 39,
javax.swing.GroupLayout.PREFERRED_SIZE)
        .addGap(29, 29, 29)))
    );

javax.swing.GroupLayout layout = new
javax.swing.GroupLayout(getContentPane());
getContentPane().setLayout(layout);
layout.setHorizontalGroup(

layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
G)

```

```

        .addComponent(jPanel1,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
        );
        layout.setVerticalGroup(

layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

        .addComponent(jPanel1,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
        );

        pack();
        setLocationRelativeTo(null);
    }// </editor-fold>

    private void
ProductButtonActionPerformed(java.awt.event.ActionEvent evt) {

    }

    private void LogOutButtonMouseClicked(java.awt.event.MouseEvent
evt) {
        new Login().setVisible(true);
        this.dispose();
    }

    private void jLabel8MouseClicked(java.awt.event.MouseEvent evt) {
        System.exit(0);
    }

    private void ProductButtonMouseClicked(java.awt.event.MouseEvent
evt) {
        new Product().setVisible(true);

    }

```

```
private void  
CategoryButtonMouseClicked(java.awt.event.MouseEvent evt) {  
    new Category().setVisible(true);  
  
}
```

```
private void  
CustomerButtonMouseClicked(java.awt.event.MouseEvent evt) {  
    new Customer().setVisible(true);  
  
}
```

```
private void OrderButtonMouseClicked(java.awt.event.MouseEvent  
evt) {  
    new Order().setVisible(true);  
  
}
```

```
private void UserButtonMouseClicked(java.awt.event.MouseEvent  
evt) {  
  
    new User().setVisible(true);  
}
```

```
private void  
ProviderTextBoxMouseClicked(java.awt.event.MouseEvent evt) {  
    new Provider().setVisible(true);  
  
}
```

```
private void CashButtonMouseClicked(java.awt.event.MouseEvent  
evt) {  
    new Cash().setVisible(true);  
}
```

```

    private void
    LogOutButtonActionPerformed(java.awt.event.ActionEvent evt) {

    }

    /**
     * @param args the command line arguments
     */
    public static void main(String args[]) {
        /* Set the Nimbus look and feel */
        //<editor-fold defaultstate="collapsed" desc=" Look and feel setting
code (optional) ">
        /* If Nimbus (introduced in Java SE 6) is not available, stay with the
default look and feel.
         * For details see
http://download.oracle.com/javase/tutorial/uiswing/lookandfeel/plaf.html
         */
        try {
            for (javax.swing.UIManager.LookAndFeelInfo info :
javax.swing.UIManager.getInstalledLookAndFeels()) {
                if ("Nimbus".equals(info.getName())) {

javax.swing.UIManager.setLookAndFeel(info.getClassName());
                    break;
                }
            }
        } catch (ClassNotFoundException ex) {

java.util.logging.Logger.getLogger(HomeForm.class.getName()).log(java
.util.logging.Level.SEVERE, null, ex);
        } catch (InstantiationException ex) {

java.util.logging.Logger.getLogger(HomeForm.class.getName()).log(java
.util.logging.Level.SEVERE, null, ex);
        } catch (IllegalAccessException ex) {

```



```
java.util.logging.Logger.getLogger(HomeForm.class.getName()).log(java
.util.logging.Level.SEVERE, null, ex);
    } catch (javax.swing.UnsupportedLookAndFeelException ex) {
```

```
java.util.logging.Logger.getLogger(HomeForm.class.getName()).log(java
.util.logging.Level.SEVERE, null, ex);
    }
    //</editor-fold>
```

```
    /* Create and display the form */
    java.awt.EventQueue.invokeLater(new Runnable() {
        public void run() {
            new HomeForm().setVisible(true);
        }
    });
}
```

```
// Variables declaration - do not modify
private javax.swing.JLabel AdminLabel;
private javax.swing.JButton CashButton;
private javax.swing.JButton CategoryButton;
private javax.swing.JButton CustomerButton;
private javax.swing.JButton LogOutButton;
private javax.swing.JButton OrderButton;
private javax.swing.JButton ProductButton;
private javax.swing.JButton ProviderTextBox;
private javax.swing.JButton UserButton;
private javax.swing.JLabel jLabel2;
private javax.swing.JLabel jLabel8;
private javax.swing.JPanel jPanel1;
private javax.swing.JPanel jPanel2;
// End of variables declaration
}
```

```
//LOGIN
```

```
package com.mycompany.invertory;
```

```
import java.sql.Connection;  
import java.sql.DriverManager;  
import java.sql.ResultSet;  
import java.sql.SQLException;  
import java.sql.Statement;  
import javax.swing.JOptionPane;  
import org.apache.log4j.Logger;
```

```
public class Login extends javax.swing.JFrame {
```

```
    public static String role;  
    public static Logger log = Logger.getLogger(Login.class.getName());
```

```
    public Login() {  
        initComponents();  
    }
```

```
    Connection Con = null;  
    Statement St = null;  
    ResultSet Rs = null;  
    @SuppressWarnings("unchecked")  
    // <editor-fold defaultstate="collapsed" desc="Generated Code">  
    private void initComponents() {
```

```
        jPanel1 = new javax.swing.JPanel();  
        jPanel2 = new javax.swing.JPanel();  
        jLabel2 = new javax.swing.JLabel();  
        jLabel8 = new javax.swing.JLabel();  
        jLabel3 = new javax.swing.JLabel();
```

```

jLabel1 = new javax.swing.JLabel();
UserTextBox = new javax.swing.JTextField();
ClearButton = new javax.swing.JButton();
EnterButton = new javax.swing.JButton();
PasswordField = new javax.swing.JPasswordField();

setDefaultCloseOperation(javax.swing.WindowConstants.EXIT_ON_CLOSE);
setUndecorated(true);

jPanel1.setBackground(new java.awt.Color(102, 102, 102));

jPanel2.setBackground(new java.awt.Color(0, 153, 153));

jLabel2.setFont(new java.awt.Font("Tahoma", 1, 18)); // NOI18N
jLabel2.setForeground(new java.awt.Color(255, 255, 255));
jLabel2.setText("LOGIN");

jLabel8.setFont(new java.awt.Font("Tahoma", 1, 36)); // NOI18N
jLabel8.setForeground(new java.awt.Color(255, 255, 255));
jLabel8.setText(" X");
jLabel8.setBorder(javax.swing.BorderFactory.createLineBorder(new
java.awt.Color(0, 0, 0)));
jLabel8.addMouseListener(new java.awt.event.MouseAdapter() {
    public void mouseClicked(java.awt.event.MouseEvent evt) {
        jLabel8MouseClicked(evt);
    }
});

javax.swing.GroupLayout jPanel2Layout = new
javax.swing.GroupLayout(jPanel2);
jPanel2.setLayout(jPanel2Layout);
jPanel2Layout.setHorizontalGroup(

jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.
LEADING)

```

```

        .addGroup(jPanel2Layout.createSequentialGroup())
        .addGap(124, 124, 124)
        .addComponent(jLabel2)

        .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATIVE, 72, Short.MAX_VALUE)
        .addComponent(jLabel8,
            javax.swing.GroupLayout.PREFERRED_SIZE, 48,
            javax.swing.GroupLayout.PREFERRED_SIZE)
        .addContainerGap())
    );
    jPanel2Layout.setVerticalGroup(

jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addGroup(jPanel2Layout.createSequentialGroup())

        .addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
            .addGroup(jPanel2Layout.createSequentialGroup())
            .addGap(21, 21, 21)
            .addComponent(jLabel2))
            .addGroup(jPanel2Layout.createSequentialGroup())
            .addContainerGap()
            .addComponent(jLabel8)))
        .addContainerGap(13, Short.MAX_VALUE))
    );

jLabel3.setFont(new java.awt.Font("Tahoma", 1, 18)); // NOI18N
jLabel3.setForeground(new java.awt.Color(255, 255, 255));
jLabel3.setText("Паpола");

jLabel1.setFont(new java.awt.Font("Tahoma", 1, 18)); // NOI18N
jLabel1.setForeground(new java.awt.Color(255, 255, 255));
jLabel1.setText("Име");

```

```
UserTextBox.setFont(new java.awt.Font("Tahoma", 1, 11)); //
NOI18N
```

```
ClearButton.setBackground(new java.awt.Color(0, 102, 102));
ClearButton.setFont(new java.awt.Font("Tahoma", 1, 11)); //
NOI18N
ClearButton.setForeground(new java.awt.Color(255, 255, 255));
ClearButton.setText("ИЗЧИСТИ");
ClearButton.setToolTipText("");
ClearButton.addMouseListener(new
java.awt.event.MouseAdapter() {
    public void mouseClicked(java.awt.event.MouseEvent evt) {
        ClearButtonMouseClicked(evt);
    }
});
```

```
EnterButton.setBackground(new java.awt.Color(0, 102, 102));
EnterButton.setFont(new java.awt.Font("Tahoma", 1, 11)); //
NOI18N
EnterButton.setForeground(new java.awt.Color(255, 255, 255));
EnterButton.setText("ВХОД");
EnterButton.setToolTipText("");
EnterButton.addMouseListener(new
java.awt.event.MouseAdapter() {
    public void mouseClicked(java.awt.event.MouseEvent evt) {
        EnterButtonMouseClicked(evt);
    }
});
```

```
javax.swing.GroupLayout jPanel1Layout = new
javax.swing.GroupLayout(jPanel1);
jPanel1.setLayout(jPanel1Layout);
jPanel1Layout.setHorizontalGroup(
```

```
jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.
LEADING)
```

```

        .addComponent(jPanel2,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
        .addGroup(jPanel1Layout.createSequentialGroup())
        .addGap(20, 20, 20)

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout
.Alignment.TRAILING)
        .addComponent(jLabel1)
        .addComponent(jLabel3))
        .addGap(26, 26, 26)

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout
.Alignment.LEADING, false)
        .addComponent(UserTextBox,
javax.swing.GroupLayout.DEFAULT_SIZE, 173, Short.MAX_VALUE)
        .addComponent(PasswordField))
        .addContainerGap(javax.swing.GroupLayout.DEFAULT_SIZE,
Short.MAX_VALUE))
        .addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
jPanel1Layout.createSequentialGroup())
        .addContainerGap(javax.swing.GroupLayout.DEFAULT_SIZE,
Short.MAX_VALUE)
        .addComponent(ClearButton)
        .addGap(53, 53, 53))

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout
.Alignment.LEADING)
        .addGroup(jPanel1Layout.createSequentialGroup())
        .addGap(67, 67, 67)
        .addComponent(EnterButton,
javax.swing.GroupLayout.PREFERRED_SIZE, 82,
javax.swing.GroupLayout.PREFERRED_SIZE)
        .addContainerGap(165, Short.MAX_VALUE)))
);
jPanel1Layout.setVerticalGroup(

```

```
jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.  
LEADING)
```

```
    .addGroup(jPanel1Layout.createSequentialGroup()  
        .addComponent(jPanel2,  
            javax.swing.GroupLayout.PREFERRED_SIZE,  
            javax.swing.GroupLayout.DEFAULT_SIZE,  
            javax.swing.GroupLayout.PREFERRED_SIZE)  
        .addGap(62, 62, 62)
```

```
    .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.  
Alignment.LEADING)
```

```
        .addComponent(jLabel1)  
        .addComponent(UserTextBox,  
            javax.swing.GroupLayout.PREFERRED_SIZE,  
            javax.swing.GroupLayout.DEFAULT_SIZE,  
            javax.swing.GroupLayout.PREFERRED_SIZE))
```

```
    .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNR  
ELATED)
```

```
    .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.  
Alignment.BASELINE)
```

```
        .addComponent(jLabel3)  
        .addComponent(PasswordField,  
            javax.swing.GroupLayout.PREFERRED_SIZE,  
            javax.swing.GroupLayout.DEFAULT_SIZE,  
            javax.swing.GroupLayout.PREFERRED_SIZE))
```

```
    .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELA  
TED, 69, Short.MAX_VALUE)
```

```
        .addComponent(ClearButton,  
            javax.swing.GroupLayout.PREFERRED_SIZE, 39,  
            javax.swing.GroupLayout.PREFERRED_SIZE)  
        .addGap(47, 47, 47))
```

```

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout
.Alignment.LEADING)
    .addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
jPanel1Layout.createSequentialGroup()
    .addContainerGap(258, Short.MAX_VALUE)
    .addComponent(EnterButton,
javax.swing.GroupLayout.PREFERRED_SIZE, 39,
javax.swing.GroupLayout.PREFERRED_SIZE)
    .addGap(47, 47, 47)))
);

```

```

    javax.swing.GroupLayout layout = new
javax.swing.GroupLayout(getContentPane());
    getContentPane().setLayout(layout);
    layout.setHorizontalGroup(

```

```

layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
    .addComponent(jPanel1,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
    );
    layout.setVerticalGroup(

```

```

layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
    .addComponent(jPanel1,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
    );

```

```

    pack();
    setLocationRelativeTo(null);
} // </editor-fold>

```

```

private void jLabel8MouseClicked(java.awt.event.MouseEvent evt) {

```



```

        System.exit(0);
    }

    private void ClearButtonMouseClicked(java.awt.event.MouseEvent
    evt) {
        UserTextBox.setText("");
        PasswordField.setText("");
    }

    private void EnterButtonMouseClicked(java.awt.event.MouseEvent
    evt) {
        if
        (UserTextBox.getText().isEmpty()||PasswordField.getText().isEmpty())
        {
            JOptionPane.showMessageDialog(this, "Моля попълнете
            полетата");
        }else
        {
            String Query="Select * from User where
            User_name='"+UserTextBox.getText()+"' AND
            User_pass='"+PasswordField.getText()+"'";
            try {
                Con =
                DriverManager.getConnection("jdbc:mysql://localhost:3306/InventoryDB",
                "kangaro", "1234");
                St = Con.createStatement();
                Rs = St.executeQuery(Query);
                if (Rs.next())
                {
                    int i = Rs.getInt("User_role_id");

                    if (i==1)
                    {
                        role="admin";
                        log.info("Login as admin");
                    }else
                    {

```

```

        role="operator";
        log.info("Login as operator");
    }
    new HomeForm().setVisible(true);
    this.dispose();
}else
{
    JOptionPane.showMessageDialog(this, "Грешно
потребителско име или парола");
    log.error("Wrong user name or password");
}

```

```

        Con.close();
    } catch (SQLException e) {
        log.error("Error in login form");
        e.printStackTrace();
    }
}
}
}

```

```

public static String getRole() {
    return role;
}

```

```

/**
 * @param args the command line arguments
 */
public static void main(String args[]) {
    /* Set the Nimbus look and feel */
    //<editor-fold defaultstate="collapsed" desc=" Look and feel setting
code (optional) ">
    /* If Nimbus (introduced in Java SE 6) is not available, stay with the
default look and feel.
    * For details see
http://download.oracle.com/javase/tutorial/uiswing/lookandfeel/plaf.html
    */
    try {

```

```

        for (javax.swing.UIManager.LookAndFeelInfo info :
            javax.swing.UIManager.getInstalledLookAndFeels()) {
            if ("Nimbus".equals(info.getName())) {

                javax.swing.UIManager.setLookAndFeel(info.getClassName());
                break;
            }
        }
    } catch (ClassNotFoundException ex) {

        java.util.logging.Logger.getLogger(Login.class.getName()).log(java.util.lo
            gging.Level.SEVERE, null, ex);
    } catch (InstantiationException ex) {

        java.util.logging.Logger.getLogger(Login.class.getName()).log(java.util.lo
            gging.Level.SEVERE, null, ex);
    } catch (IllegalAccessException ex) {

        java.util.logging.Logger.getLogger(Login.class.getName()).log(java.util.lo
            gging.Level.SEVERE, null, ex);
    } catch (javax.swing.UnsupportedLookAndFeelException ex) {

        java.util.logging.Logger.getLogger(Login.class.getName()).log(java.util.lo
            gging.Level.SEVERE, null, ex);
    }
}
//</editor-fold>

/* Create and display the form */
java.awt.EventQueue.invokeLater(new Runnable() {
    public void run() {
        new Login().setVisible(true);
    }
});
}

// Variables declaration - do not modify
private javax.swing.JButton ClearButton;

```

```
private javax.swing.JButton EnterButton;
private javax.swing.JPasswordField PasswordField;
private javax.swing.JTextField UserTextBox;
private javax.swing.JLabel jLabel1;
private javax.swing.JLabel jLabel2;
private javax.swing.JLabel jLabel3;
private javax.swing.JLabel jLabel8;
private javax.swing.JPanel jPanel1;
private javax.swing.JPanel jPanel2;
// End of variables declaration
}
```

//CASH

```
package com.mycompany.invertory;
```

```
import java.sql.Connection;
import java.sql.DriverManager;
import java.sql.PreparedStatement;
import java.sql.ResultSet;
import java.sql.SQLException;
import java.sql.Statement;
import java.time.LocalDateTime;
import java.time.format.DateTimeFormatter;
import javax.swing.JOptionPane;
import javax.swing.table.DefaultTableModel;
import net.proteanit.sql.DbUtils;
```

```
public class Cash extends javax.swing.JFrame {
```

```
    public Cash() {
        initComponents();
        GetToday();
    }
```

```
CashTableFill();  
IdFill();  
}
```

```
Connection Con = null;  
Statement St = null;  
ResultSet Rs = null;
```

```
@SuppressWarnings("unchecked")  
// <editor-fold defaultstate="collapsed" desc="Generated Code">  
private void initComponents() {
```

```
    jPanel1 = new javax.swing.JPanel();  
    jPanel20 = new javax.swing.JPanel();  
    jPanel3 = new javax.swing.JPanel();  
    jLabel2 = new javax.swing.JLabel();  
    jLabel5 = new javax.swing.JLabel();  
    jLabel8 = new javax.swing.JLabel();  
    jLabel1 = new javax.swing.JLabel();  
    CashIdTextBox = new javax.swing.JTextField();  
    CashInTextBox = new javax.swing.JTextField();  
    jLabel3 = new javax.swing.JLabel();  
    CashOutTextBox = new javax.swing.JTextField();  
    jLabel4 = new javax.swing.JLabel();  
    CashAddButton = new javax.swing.JButton();  
    CashDeleteButton = new javax.swing.JButton();  
    CashUpdateButton = new javax.swing.JButton();  
    CashrHomeButton = new javax.swing.JButton();  
    jScrollPane1 = new javax.swing.JScrollPane();  
    CashTable = new javax.swing.JTable();  
    NewButton = new javax.swing.JButton();  
    jLabel6 = new javax.swing.JLabel();  
    jLabel7 = new javax.swing.JLabel();  
    jLabel9 = new javax.swing.JLabel();  
    CashDateTextBox = new javax.swing.JTextField();
```

```

setDefaultCloseOperation(javax.swing.WindowConstants.EXIT_ON_CLOSE);
    setUndecorated(true);

    JPanel20.setBackground(new java.awt.Color(102, 102, 102));
    JPanel20.setFocusable(false);

    JPanel3.setBackground(new java.awt.Color(0, 153, 153));

    JLabel2.setFont(new java.awt.Font("Tahoma", 1, 18)); // NOI18N
    JLabel2.setForeground(new java.awt.Color(255, 255, 255));
    JLabel2.setText("СОФТУЕР СКЛАД");

    JLabel5.setFont(new java.awt.Font("Tahoma", 1, 18)); // NOI18N
    JLabel5.setForeground(new java.awt.Color(255, 255, 255));
    JLabel5.setText("КАСА");

    JLabel8.setFont(new java.awt.Font("Tahoma", 1, 36)); // NOI18N
    JLabel8.setForeground(new java.awt.Color(255, 255, 255));
    JLabel8.setText(" X");
    JLabel8.setBorder(javax.swing.BorderFactory.createLineBorder(new
java.awt.Color(0, 0, 0)));
    JLabel8.addMouseListener(new java.awt.event.MouseAdapter() {
        public void mouseClicked(java.awt.event.MouseEvent evt) {
            JLabel8MouseClicked(evt);
        }
    });

    javax.swing.GroupLayout JPanel3Layout = new
javax.swing.GroupLayout(JPanel3);
    JPanel3.setLayout(JPanel3Layout);
    JPanel3Layout.setHorizontalGroup(

JPanel3Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.
LEADING)
        .addGroup(JPanel3Layout.createSequentialGroup())

```

```

.addGroup(jPanel3Layout.createParallelGroup(javax.swing.GroupLayout
.Alignment.LEADING)
    .addGroup(jPanel3Layout.createSequentialGroup()
        .addGap(317, 317, 317)
        .addComponent(jLabel2))
    .addGroup(jPanel3Layout.createSequentialGroup()
        .addGap(370, 370, 370)
        .addComponent(jLabel5)))

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELA
TED, javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
    .addComponent(jLabel8,
javax.swing.GroupLayout.PREFERRED_SIZE, 48,
javax.swing.GroupLayout.PREFERRED_SIZE)
    .addContainerGap())
);
jPanel3Layout.setVerticalGroup(

jPanel3Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.
LEADING)
    .addGroup(jPanel3Layout.createSequentialGroup()
        .addContainerGap()

.addGroup(jPanel3Layout.createParallelGroup(javax.swing.GroupLayout
.Alignment.LEADING)
    .addComponent(jLabel8)
    .addGroup(jPanel3Layout.createSequentialGroup()
        .addComponent(jLabel2)

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELA
TED)
    .addComponent(jLabel5)))
    .addContainerGap(javax.swing.GroupLayout.DEFAULT_SIZE,
Short.MAX_VALUE))
);

```

```
jLabel1.setFont(new java.awt.Font("Tahoma", 1, 18)); // NOI18N
jLabel1.setForeground(new java.awt.Color(255, 255, 255));
jLabel1.setText("ID");
```

```
CashIdTextBox.setFont(new java.awt.Font("Tahoma", 1, 11)); //
NOI18N
```

```
CashInTextBox.setFont(new java.awt.Font("Tahoma", 1, 11)); //
NOI18N
```

```
CashInTextBox.setForeground(new java.awt.Color(0, 204, 0));
```

```
jLabel3.setFont(new java.awt.Font("Tahoma", 1, 48)); // NOI18N
jLabel3.setForeground(new java.awt.Color(0, 204, 0));
jLabel3.setText("+");
```

```
CashOutTextBox.setFont(new java.awt.Font("Tahoma", 1, 11)); //
NOI18N
```

```
CashOutTextBox.setForeground(new java.awt.Color(255, 0, 0));
```

```
jLabel4.setFont(new java.awt.Font("Tahoma", 0, 12)); // NOI18N
jLabel4.setForeground(new java.awt.Color(255, 255, 255));
jLabel4.setText("въведи");
```

```
CashAddButton.setBackground(new java.awt.Color(0, 102, 102));
CashAddButton.setFont(new java.awt.Font("Tahoma", 1, 11)); //
NOI18N
```

```
CashAddButton.setForeground(new java.awt.Color(255, 255, 255));
CashAddButton.setText("ДОБАВИ");
CashAddButton.setToolTipText("");
CashAddButton.addMouseListener(new
java.awt.event.MouseAdapter() {
    public void mouseClicked(java.awt.event.MouseEvent evt) {
        CashAddButtonMouseClicked(evt);
    }
});
CashAddButton.addKeyListener(new java.awt.event.KeyAdapter() {
    public void keyPressed(java.awt.event.KeyEvent evt) {
```



```
        CashAddButtonKeyPressed(evt);
    }
});
```

```
        CashDeleteButton.setBackground(new java.awt.Color(0, 102,
102));
        CashDeleteButton.setFont(new java.awt.Font("Tahoma", 1, 11)); //
NOI18N
        CashDeleteButton.setForeground(new java.awt.Color(255, 255,
255));
        CashDeleteButton.setText("ИЗТРИЙ");
        CashDeleteButton.setToolTipText("");
        CashDeleteButton.addMouseListener(new
java.awt.event.MouseAdapter() {
            public void mouseClicked(java.awt.event.MouseEvent evt) {
                CashDeleteButtonMouseClicked(evt);
            }
        });
```

```
        CashUpdateButton.setBackground(new java.awt.Color(0, 102,
102));
        CashUpdateButton.setFont(new java.awt.Font("Tahoma", 1, 11)); //
NOI18N
        CashUpdateButton.setForeground(new java.awt.Color(255, 255,
255));
        CashUpdateButton.setText("ПРОМЕНИ");
        CashUpdateButton.setToolTipText("");
        CashUpdateButton.addMouseListener(new
java.awt.event.MouseAdapter() {
            public void mouseClicked(java.awt.event.MouseEvent evt) {
                CashUpdateButtonMouseClicked(evt);
            }
        });
```

```
        CashrHomeButton.setBackground(new java.awt.Color(0, 102,
102));
```

```

        CashrHomeButton.setFont(new java.awt.Font("Tahoma", 1, 11)); //
        NOI18N
        CashrHomeButton.setForeground(new java.awt.Color(255, 255,
255));
        CashrHomeButton.setText("ОБПАТНО");
        CashrHomeButton.setToolTipText("");
        CashrHomeButton.addMouseListener(new
java.awt.event.MouseAdapter() {
            public void mouseClicked(java.awt.event.MouseEvent evt) {
                CashrHomeButtonMouseClicked(evt);
            }
        });
        CashrHomeButton.addActionListener(new
java.awt.event.ActionListener() {
            public void actionPerformed(java.awt.event.ActionEvent evt) {
                CashrHomeButtonActionPerformed(evt);
            }
        });

        CashTable.setBackground(new java.awt.Color(0, 153, 153));
        CashTable.setModel(new javax.swing.table.DefaultTableModel(
            new Object [][] {

                },
            new String [] {
                "ID", "ДАТА", "ВЪВЕДЕНИ", "ИЗВЕДЕНИ"
            }
        ));
        CashTable.addMouseListener(new java.awt.event.MouseAdapter()
{
            public void mouseClicked(java.awt.event.MouseEvent evt) {
                CashTableMouseClicked(evt);
            }
        });
        jScrollPane1.setViewportViewView(CashTable);

        NewButton.setBackground(new java.awt.Color(0, 102, 102));

```

```

        NewButton.setFont(new java.awt.Font("Tahoma", 1, 11)); // NOI18N
        NewButton.setForeground(new java.awt.Color(255, 255, 255));
        NewButton.setText("HOB");
        NewButton.setToolTipText("");
        NewButton.addMouseListener(new java.awt.event.MouseAdapter()
        {
            public void mouseClicked(java.awt.event.MouseEvent evt) {
                NewButtonMouseClicked(evt);
            }
        });

```

```

        jLabel6.setFont(new java.awt.Font("Tahoma", 1, 48)); // NOI18N
        jLabel6.setForeground(new java.awt.Color(255, 0, 0));
        jLabel6.setText("-");

```

```

        jLabel7.setFont(new java.awt.Font("Tahoma", 0, 12)); // NOI18N
        jLabel7.setForeground(new java.awt.Color(255, 255, 255));
        jLabel7.setText("изведи");

```

```

        jLabel9.setFont(new java.awt.Font("Tahoma", 1, 18)); // NOI18N
        jLabel9.setForeground(new java.awt.Color(255, 255, 255));
        jLabel9.setText("ДАТА");

```

```

        CashDateTextBox.setFont(new java.awt.Font("Tahoma", 1, 11)); //
        NOI18N

```

```

        javax.swing.GroupLayout jPanel20Layout = new
        javax.swing.GroupLayout(jPanel20);
        jPanel20.setLayout(jPanel20Layout);
        jPanel20Layout.setHorizontalGroup(

```

```

        jPanel20Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
            .addComponent(jPanel3,
                javax.swing.GroupLayout.DEFAULT_SIZE,
                javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
            .addGroup(jPanel20Layout.createSequentialGroup()

```

```
.addGroup(jPanel20Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
```

```
    .addGroup(jPanel20Layout.createSequentialGroup()  
        .addGap(64, 64, 64)
```

```
.addGroup(jPanel20Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING)
```

```
    .addComponent(CashrHomeButton,  
        javax.swing.GroupLayout.PREFERRED_SIZE, 90,  
        javax.swing.GroupLayout.PREFERRED_SIZE)  
        .addGroup(jPanel20Layout.createSequentialGroup()  
            .addComponent(CashAddButton,  
                javax.swing.GroupLayout.PREFERRED_SIZE, 90,  
                javax.swing.GroupLayout.PREFERRED_SIZE)  
            .addGap(18, 18, 18)  
            .addComponent(CashUpdateButton,  
                javax.swing.GroupLayout.PREFERRED_SIZE, 90,  
                javax.swing.GroupLayout.PREFERRED_SIZE))  
            .addComponent(NewButton,  
                javax.swing.GroupLayout.PREFERRED_SIZE, 90,  
                javax.swing.GroupLayout.PREFERRED_SIZE))  
            .addGap(18, 18, 18)  
            .addComponent(CashDeleteButton,  
                javax.swing.GroupLayout.PREFERRED_SIZE, 90,  
                javax.swing.GroupLayout.PREFERRED_SIZE))  
        .addGroup(jPanel20Layout.createSequentialGroup()  
            .addGap(108, 108, 108)
```

```
.addGroup(jPanel20Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
```

```
.addGroup(jPanel20Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING, false)  
    .addGroup(jPanel20Layout.createSequentialGroup()  
        .addComponent(jLabel3)
```

```
.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.REL  
ATED)
```

```
        .addComponent(jLabel4))  
        .addComponent(CashInTextBox,  
javax.swing.GroupLayout.PREFERRED_SIZE, 85,  
javax.swing.GroupLayout.PREFERRED_SIZE))  
        .addGroup(jPanel20Layout.createSequentialGroup())  
        .addComponent(jLabel1)
```

```
.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNR  
ELATED)
```

```
        .addComponent(CashIdTextBox,  
javax.swing.GroupLayout.PREFERRED_SIZE, 52,  
javax.swing.GroupLayout.PREFERRED_SIZE)))  
        .addGap(41, 41, 41)
```

```
.addGroup(jPanel20Layout.createParallelGroup(javax.swing.GroupLayo  
ut.Alignment.TRAILING)
```

```
.addGroup(jPanel20Layout.createParallelGroup(javax.swing.GroupLayo  
ut.Alignment.TRAILING, false)  
        .addGroup(jPanel20Layout.createSequentialGroup())  
        .addComponent(jLabel6)
```

```
.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELA  
TED, javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
```

```
        .addComponent(jLabel7))  
        .addComponent(CashOutTextBox,  
javax.swing.GroupLayout.Alignment.LEADING,  
javax.swing.GroupLayout.PREFERRED_SIZE, 85,  
javax.swing.GroupLayout.PREFERRED_SIZE))  
        .addGroup(jPanel20Layout.createSequentialGroup())  
        .addComponent(jLabel9)
```

```
.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNR  
ELATED)
```

```

        .addComponent(CashDateTextBox,
javax.swing.GroupLayout.PREFERRED_SIZE, 94,
javax.swing.GroupLayout.PREFERRED_SIZE))))))

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELA
TED, 50, Short.MAX_VALUE)
    .addComponent(jScrollPane1,
javax.swing.GroupLayout.PREFERRED_SIZE, 440,
javax.swing.GroupLayout.PREFERRED_SIZE)
    .addGap(19, 19, 19))
);
jPanel20Layout.setVerticalGroup(

jPanel20Layout.createParallelGroup(javax.swing.GroupLayout.Alignmen
t.LEADING)
    .addGroup(jPanel20Layout.createSequentialGroup())
    .addComponent(jPanel3,
javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE)
    .addGap(22, 22, 22)

.addGroup(jPanel20Layout.createParallelGroup(javax.swing.GroupLayo
ut.Alignment.LEADING, false)
    .addGroup(jPanel20Layout.createSequentialGroup())

.addGroup(jPanel20Layout.createParallelGroup(javax.swing.GroupLayo
ut.Alignment.LEADING)
    .addComponent(CashIdTextBox,
javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE)
    .addComponent(jLabel1)
    .addComponent(CashDateTextBox,
javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE)

```

```
        .addComponent(jLabel9))
    .addGap(18, 18, 18)
```

```
.addGroup(jPanel20Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
```

```
.addGroup(jPanel20Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
```

```
        .addComponent(jLabel3,
javax.swing.GroupLayout.PREFERRED_SIZE, 36,
javax.swing.GroupLayout.PREFERRED_SIZE)
```

```
.addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
jPanel20Layout.createSequentialGroup()
        .addComponent(jLabel4)
        .addGap(3, 3, 3)))
```

```
.addGroup(jPanel20Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addComponent(jLabel6,
javax.swing.GroupLayout.PREFERRED_SIZE, 36,
javax.swing.GroupLayout.PREFERRED_SIZE)
```

```
.addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
jPanel20Layout.createSequentialGroup()
        .addComponent(jLabel7)
        .addGap(8, 8, 8))))
```

```
.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
```

```
.addGroup(jPanel20Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
```

```
        .addComponent(CashOutTextBox,
javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE)
```

```

        .addComponent(CashInTextBox,
javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE))

        .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELA
TED, javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
        .addComponent(NewButton,
javax.swing.GroupLayout.PREFERRED_SIZE, 39,
javax.swing.GroupLayout.PREFERRED_SIZE)

        .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNR
ELATED)

        .addGroup(jPanel20Layout.createParallelGroup(javax.swing.GroupLayo
ut.Alignment.BASELINE)
        .addComponent(CashAddButton,
javax.swing.GroupLayout.PREFERRED_SIZE, 39,
javax.swing.GroupLayout.PREFERRED_SIZE)
        .addComponent(CashUpdateButton,
javax.swing.GroupLayout.PREFERRED_SIZE, 39,
javax.swing.GroupLayout.PREFERRED_SIZE)
        .addComponent(CashDeleteButton,
javax.swing.GroupLayout.PREFERRED_SIZE, 39,
javax.swing.GroupLayout.PREFERRED_SIZE))

        .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNR
ELATED)

        .addComponent(CashrHomeButton,
javax.swing.GroupLayout.PREFERRED_SIZE, 39,
javax.swing.GroupLayout.PREFERRED_SIZE))
        .addComponent(jScrollPane1,
javax.swing.GroupLayout.PREFERRED_SIZE, 275,
javax.swing.GroupLayout.PREFERRED_SIZE))
        .addContainerGap(28, Short.MAX_VALUE))
    );

```



```

        javax.swing.GroupLayout jPanel1Layout = new
javax.swing.GroupLayout(jPanel1);
        jPanel1.setLayout(jPanel1Layout);
        jPanel1Layout.setHorizontalGroup(

jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.
LEADING)
            .addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
jPanel1Layout.createSequentialGroup()
                .addGap(javax.swing.GroupLayout.DEFAULT_SIZE,
Short.MAX_VALUE)
                .addComponent(jPanel20,
javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE)
                .addGap(74, 74, 74))
            );
        jPanel1Layout.setVerticalGroup(

```

```

jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.
LEADING)
            .addComponent(jPanel20,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
            );

```

```

        javax.swing.GroupLayout layout = new
javax.swing.GroupLayout(getContentPane());
        getContentPane().setLayout(layout);
        layout.setHorizontalGroup(

```

```

layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
            .addComponent(jPanel1,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
            );

```

```

        layout.setVerticalGroup(

layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

        .addComponent(jPanel1,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
        );

        pack();
        setLocationRelativeTo(null);
    }// </editor-fold>

    private void NewButtonMouseClicked(java.awt.event.MouseEvent evt)
    {

        Clear();
        IdFill();
    }

    private void CashTableMouseClicked(java.awt.event.MouseEvent evt)
    {
        DefaultTableModel model =
(DefaultTableModel)CashTable.getModel();
        int MyIndex = CashTable.getSelectedRow();
        CashIdTextBox.setText(model.getValueAt(MyIndex, 0).toString());
        CashDateTextBox.setText(model.getValueAt(MyIndex,
1).toString());
        CashInTextBox.setText(model.getValueAt(MyIndex, 2).toString());
        CashOutTextBox.setText(model.getValueAt(MyIndex, 3).toString());
    }

    private void
CashrHomeButtonActionPerformed(java.awt.event.ActionEvent evt) {

    }

```

```

private void
CashrHomeButtonMouseClicked(java.awt.event.MouseEvent evt) {

    this.dispose();
}

private void
CashUpdateButtonMouseClicked(java.awt.event.MouseEvent evt) {
    if
(CashIdTextBox.getText().isEmpty()||CashDateTextBox.getText().isEmpty
()||CashInTextBox.getText().isEmpty()||CashOutTextBox.getText().isEmpt
y()) {
        JOptionPane.showMessageDialog(this, "Липсва пълна
информация");
    }
    else{
        try{
            Con =
DriverManager.getConnection("jdbc:mysql://localhost:3306/InventoryDB",
"kangaro", "1234");
            String UpdateQwery = "Update inventorydb.Cash set
Cash_date='"+CashDateTextBox.getText()+"','"+Cash_in="+CashInText
Box.getText()+"','"+Cash_out="+CashOutTextBox.getText()+"','"+where
Cash_id="+CashIdTextBox.getText();
            Statement Add = Con.createStatement();
            Add.executeUpdate(UpdateQwery);
            Con.close();
            CashTableFill();
            Clear();
            IdFill();
            JOptionPane.showMessageDialog(this, "Сумата е
променена");
        }catch (SQLException e) {
            e.printStackTrace();
        }
    }
}
}

```

```

private void
CashDeleteButtonMouseClicked(java.awt.event.MouseEvent evt) {
    if
    (CashIdTextBox.getText().isEmpty()||CashDateTextBox.getText().isEmpty
    ()) {
        JOptionPane.showMessageDialog(this, "Няма избрана сума за
изтриване");
    } else {
        try {
            Con =
DriverManager.getConnection("jdbc:mysql://localhost:3306/InventoryDB",
"kangaro", "1234");
            String Id = CashIdTextBox.getText();
            String Qwery = "Delete from inventorydb.Cash where
Cash_id=" + Id;
            Statement Add = Con.createStatement();
            Add.executeUpdate(Qwery);
            Con.close();
            CashTableFill();
            Clear();
            IdFill();
            JOptionPane.showMessageDialog(this, "Сумата е изтрита");
        } catch (SQLException e) {
            e.printStackTrace();
        }
    }
}

private void CashAddButtonKeyPressed(java.awt.event.KeyEvent evt)
{

}

private void
CashAddButtonMouseClicked(java.awt.event.MouseEvent evt) {

```

```

        if
(CashIdTextBox.getText().isEmpty()||CashDateTextBox.getText().isEmpty
())||CashInTextBox.getText().isEmpty()||CashOutTextBox.getText().isEmpt
y()) {
            JOptionPane.showMessageDialog(this, "Моля попълнете
всички полета");
        } else {
            try {
                Con =
DriverManager.getConnection("jdbc:mysql://localhost:3306/InventoryDB",
"kangaro", "1234");
                PreparedStatement add = Con.prepareStatement("insert into
Cash VALUES(?,?,?,?)");
                add.setInt(1, Integer.valueOf(CashIdTextBox.getText()));
                add.setString(2, (CashDateTextBox.getText()));
                add.setDouble(3, Double.valueOf(CashInTextBox.getText()));
                add.setDouble(4, Double.valueOf(CashOutTextBox.getText()));

                int row = add.executeUpdate();
                JOptionPane.showMessageDialog(this, "Сумата е
добавена");
                Con.close();
                CashTableFill();
                Clear();
                IdFill();
            } catch (SQLException e) {
                e.printStackTrace();
            }
        }
    }

private void jLabel8MouseClicked(java.awt.event.MouseEvent evt) {
    System.exit(0);
}

private void GetToday(){

```

```

        DateTimeFormatter dtf =
DateTimeFormatter.ofPattern("dd/MM/yyyy");
        LocalDateTime now = LocalDateTime.now();
        CashDateTextBox.setText(dtf.format(now));
    }

    public void IdFill() {
        try {
            Con =
DriverManager.getConnection("jdbc:mysql://localhost:3306/InventoryDB",
"kangaro", "1234");
            St = Con.createStatement();
            Rs = St.executeQuery("SELECT MAX(Cash_id) as Cash_id
FROM inventorydb.`Cash`");
            if (Rs.next()){
                int i = Rs.getInt("Cash_id");
                int id = i+1;
                CashIdTextBox.setText(String.valueOf(id));
            }else{
                CashIdTextBox.setText("1");
            }
            Con.close();
            CashInTextBox.requestFocusInWindow();
            CashInTextBox.setText("0");
            CashOutTextBox.setText("0");
        } catch (SQLException e) {
            e.printStackTrace();
        }
    }

    public void Clear() {
        CashIdTextBox.setText("");
        CashInTextBox.setText("");
        CashOutTextBox.setText("");
    }

    public void CashTableFill() {

```

```

try {
    Con =
DriverManager.getConnection("jdbc:mysql://localhost:3306/InventoryDB",
"kangaro", "1234");
    St = Con.createStatement();
    Rs = St.executeQuery("Select * from Cash");
    CashTable.setModel(DbUtils.resultSetToTableModel(Rs));
    CashTable.getColumnModel().getColumn( 0 ).setHeaderValue(
"ID" );
    CashTable.getColumnModel().getColumn( 1 ).setHeaderValue(
"ДАТА" );
    CashTable.getColumnModel().getColumn( 2 ).setHeaderValue(
"ВЪВЕДЕНИ" );
    CashTable.getColumnModel().getColumn( 3 ).setHeaderValue(
"ИЗВЕДЕНИ" );
    Con.close();
} catch (SQLException e) {
    e.printStackTrace();
}
}

/**
 * @param args the command line arguments
 */
public static void main(String args[]) {

    java.awt.EventQueue.invokeLater(new Runnable() {
        public void run() {
            new Cash().setVisible(true);
        }
    });
}

// Variables declaration - do not modify
private javax.swing.JButton CashAddButton;
private javax.swing.JTextField CashDateTextBox;

```

```
private javax.swing.JButton CashDeleteButton;
private javax.swing.JTextField CashIdTextBox;
private javax.swing.JTextField CashInTextBox;
private javax.swing.JTextField CashOutTextBox;
private javax.swing.JTable CashTable;
private javax.swing.JButton CashUpdateButton;
private javax.swing.JButton CashrHomeButton;
private javax.swing.JButton NewButton;
private javax.swing.JLabel jLabel1;
private javax.swing.JLabel jLabel2;
private javax.swing.JLabel jLabel3;
private javax.swing.JLabel jLabel4;
private javax.swing.JLabel jLabel5;
private javax.swing.JLabel jLabel6;
private javax.swing.JLabel jLabel7;
private javax.swing.JLabel jLabel8;
private javax.swing.JLabel jLabel9;
private javax.swing.JPanel jPanel1;
private javax.swing.JPanel jPanel20;
private javax.swing.JPanel jPanel3;
private javax.swing.JScrollPane jScrollPane1;
// End of variables declaration
}
```

//CUSTOMER

```
package com.mycompany.invertory;
```

```
import java.sql.Connection;
import java.sql.DriverManager;
import java.sql.PreparedStatement;
import java.sql.ResultSet;
import java.sql.SQLException;
import java.sql.Statement;
import javax.swing.JOptionPane;
```



```
import javax.swing.table.DefaultTableModel;
import net.proteanit.sql.DbUtils;
```

```
public class Customer extends javax.swing.JFrame {
```

```
    public Customer() {
        initComponents();
        CustomerTableFill();
        IdFill();
    }
```

```
    Connection Con = null;
    Statement St = null;
    ResultSet Rs = null;
```

```
    @SuppressWarnings("unchecked")
    // <editor-fold defaultstate="collapsed" desc="Generated Code">
    private void initComponents() {
```

```
        jPanel1 = new javax.swing.JPanel();
        jPanel2 = new javax.swing.JPanel();
        jLabel2 = new javax.swing.JLabel();
        jLabel5 = new javax.swing.JLabel();
        jLabel8 = new javax.swing.JLabel();
        jLabel1 = new javax.swing.JLabel();
        CustomerIdTextBox = new javax.swing.JTextField();
        CustomerNameTextBox = new javax.swing.JTextField();
        jLabel3 = new javax.swing.JLabel();
        CustomerPhoneTextBox = new javax.swing.JTextField();
        jLabel4 = new javax.swing.JLabel();
        CustomerAddButton = new javax.swing.JButton();
        CustomerDeleteButton = new javax.swing.JButton();
        CustomerUpdateButton = new javax.swing.JButton();
        CustomerHomeButton = new javax.swing.JButton();
        jScrollPane1 = new javax.swing.JScrollPane();
```

```
CustomerTable = new javax.swing.JTable();
NewButton = new javax.swing.JButton();
```

```
setDefaultCloseOperation(javax.swing.WindowConstants.EXIT_O
N_CLOSE);
    setUndecorated(true);
```

```
jPanel1.setBackground(new java.awt.Color(102, 102, 102));
jPanel1.setFocusable(false);
```

```
jPanel2.setBackground(new java.awt.Color(0, 153, 153));
```

```
jLabel2.setFont(new java.awt.Font("Tahoma", 1, 18)); //
NOI18N
jLabel2.setForeground(new java.awt.Color(255, 255, 255));
jLabel2.setText("СОФТУЕР СКЛАД");
```

```
jLabel5.setFont(new java.awt.Font("Tahoma", 1, 18)); //
NOI18N
jLabel5.setForeground(new java.awt.Color(255, 255, 255));
jLabel5.setText("КЛИЕНТИ");
```

```
jLabel8.setFont(new java.awt.Font("Tahoma", 1, 36)); //
NOI18N
jLabel8.setForeground(new java.awt.Color(255, 255, 255));
jLabel8.setText(" X");
```

```
jLabel8.setBorder(javax.swing.BorderFactory.createLineBorder(ne
w java.awt.Color(0, 0, 0)));
jLabel8.addMouseListener(new
java.awt.event.MouseAdapter() {
    public void mouseClicked(java.awt.event.MouseEvent evt)
{
        jLabel8MouseClicked(evt);
    }
});
```

```

        javax.swing.GroupLayout jPanel2Layout = new
javax.swing.GroupLayout(jPanel2);
        jPanel2.setLayout(jPanel2Layout);
        jPanel2Layout.setHorizontalGroup(

jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Align
ment.LEADING)
            .addGroup(jPanel2Layout.createSequentialGroup()
                .addGap(317, 317, 317)

.addGroup(jPanel2Layout.createParallelGroup(javax.swing.Group
Layout.Alignment.LEADING)
                    .addComponent(jLabel2)
                    .addGroup(jPanel2Layout.createSequentialGroup()
                        .addGap(35, 35, 35)
                        .addComponent(jLabel5)))

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.
RELATED, 299, Short.MAX_VALUE)
                    .addComponent(jLabel8,
javax.swing.GroupLayout.PREFERRED_SIZE, 48,
javax.swing.GroupLayout.PREFERRED_SIZE)
                    .addContainerGap())
            );
        jPanel2Layout.setVerticalGroup(

jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Align
ment.LEADING)
            .addGroup(jPanel2Layout.createSequentialGroup()
                .addGap(317, 317, 317)
                .addContainerGap()

.addGroup(jPanel2Layout.createParallelGroup(javax.swing.Group
Layout.Alignment.LEADING)
                    .addComponent(jLabel8)
                    .addGroup(jPanel2Layout.createSequentialGroup()
                        .addComponent(jLabel2)

```

```
.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.  
RELATED)
```

```
        .addComponent(jLabel5)))
```

```
.addContainerGap(javax.swing.GroupLayout.DEFAULT_SIZE,  
Short.MAX_VALUE))  
    );
```

```
        jLabel1.setFont(new java.awt.Font("Tahoma", 1, 18)); //  
NOI18N
```

```
        jLabel1.setForeground(new java.awt.Color(255, 255, 255));  
        jLabel1.setText("ID");
```

```
        CustomerIdTextBox.setFont(new java.awt.Font("Tahoma", 1,  
11)); // NOI18N
```

```
        CustomerNameTextBox.setFont(new java.awt.Font("Tahoma",  
1, 11)); // NOI18N
```

```
        jLabel3.setFont(new java.awt.Font("Tahoma", 1, 18)); //  
NOI18N
```

```
        jLabel3.setForeground(new java.awt.Color(255, 255, 255));  
        jLabel3.setText("ИМЯ");
```

```
        CustomerPhoneTextBox.setFont(new  
java.awt.Font("Tahoma", 1, 11)); // NOI18N
```

```
        jLabel4.setFont(new java.awt.Font("Tahoma", 1, 18)); //  
NOI18N
```

```
        jLabel4.setForeground(new java.awt.Color(255, 255, 255));  
        jLabel4.setText("ТЕЛЕФОН");
```

```
        CustomerAddButton.setBackground(new java.awt.Color(0,  
102, 102));
```

```
        CustomerAddButton.setFont(new java.awt.Font("Tahoma", 1,  
11)); // NOI18N
```

```

        CustomerAddButton.setForeground(new java.awt.Color(255,
255, 255));
        CustomerAddButton.setText("ДОБАВИ");
        CustomerAddButton.setToolTipText("");
        CustomerAddButton.addMouseListener(new
java.awt.event.MouseAdapter() {
            public void mouseClicked(java.awt.event.MouseEvent evt)
{
                CustomerAddButtonMouseClicked(evt);
            }
        });
        CustomerAddButton.addKeyListener(new
java.awt.event.KeyAdapter() {
            public void keyPressed(java.awt.event.KeyEvent evt) {
                CustomerAddButtonKeyPressed(evt);
            }
        });

```

```

        CustomerDeleteButton.setBackground(new java.awt.Color(0,
102, 102));
        CustomerDeleteButton.setFont(new java.awt.Font("Tahoma",
1, 11)); // NOI18N
        CustomerDeleteButton.setForeground(new
java.awt.Color(255, 255, 255));
        CustomerDeleteButton.setText("ИЗТРИЙ");
        CustomerDeleteButton.setToolTipText("");
        CustomerDeleteButton.addMouseListener(new
java.awt.event.MouseAdapter() {
            public void mouseClicked(java.awt.event.MouseEvent evt)
{
                CustomerDeleteButtonMouseClicked(evt);
            }
        });

```

```

        CustomerUpdateButton.setBackground(new java.awt.Color(0,
102, 102));

```

```

        CustomerUpdateButton.setFont(new java.awt.Font("Tahoma",
1, 11)); // NOI18N
        CustomerUpdateButton.setForeground(new
java.awt.Color(255, 255, 255));
        CustomerUpdateButton.setText("ПРОМЕНИ");
        CustomerUpdateButton.setToolTipText("");
        CustomerUpdateButton.addMouseListener(new
java.awt.event.MouseAdapter() {
            public void mouseClicked(java.awt.event.MouseEvent evt)
{
                CustomerUpdateButtonMouseClicked(evt);
            }
        });

```

```

        CustomerHomeButton.setBackground(new java.awt.Color(0,
102, 102));
        CustomerHomeButton.setFont(new java.awt.Font("Tahoma",
1, 11)); // NOI18N
        CustomerHomeButton.setForeground(new
java.awt.Color(255, 255, 255));
        CustomerHomeButton.setText("ОБПАТНО");
        CustomerHomeButton.setToolTipText("");
        CustomerHomeButton.addMouseListener(new
java.awt.event.MouseAdapter() {
            public void mouseClicked(java.awt.event.MouseEvent evt)
{
                CustomerHomeButtonMouseClicked(evt);
            }
        });

```

```

        CustomerTable.setBackground(new java.awt.Color(0, 153,
153));
        CustomerTable.setModel(new
javax.swing.table.DefaultTableModel(
            new Object [][] {

            },

```

```

        new String [] {
            "ID", "ИМЕ", "ТЕЛЕФОН"
        }
    ));
    CustomerTable.addMouseListener(new
java.awt.event.MouseAdapter() {
        public void mouseClicked(java.awt.event.MouseEvent evt)
    {
        CustomerTableMouseClicked(evt);
    }
    });
    jScrollPane1.setViewportView(CustomerTable);

    NewButton.setBackground(new java.awt.Color(0, 102, 102));
    NewButton.setFont(new java.awt.Font("Tahoma", 1, 11)); //
NOI18N
    NewButton.setForeground(new java.awt.Color(255, 255,
255));
    NewButton.setText("HOB");
    NewButton.setToolTipText("");
    NewButton.addMouseListener(new
java.awt.event.MouseAdapter() {
        public void mouseClicked(java.awt.event.MouseEvent evt)
    {
        NewButtonMouseClicked(evt);
    }
    });

    javax.swing.GroupLayout jPanel1Layout = new
javax.swing.GroupLayout(jPanel1);
    jPanel1.setLayout(jPanel1Layout);
    jPanel1Layout.setHorizontalGroup(

jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Align
ment.LEADING)

```

```

        .addComponent(jPanel2,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
        .addGroup(jPanel1Layout.createSequentialGroup())

        .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
            .addGroup(jPanel1Layout.createSequentialGroup())
            .addContainerGap()

        .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING)
            .addComponent(jLabel4)
            .addComponent(jLabel1)
            .addComponent(jLabel3))

        .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)

        .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING)
            .addComponent(CustomerNameTextBox,
javax.swing.GroupLayout.PREFERRED_SIZE, 173,
javax.swing.GroupLayout.PREFERRED_SIZE)

        .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
            .addComponent(CustomerIdTextBox,
javax.swing.GroupLayout.PREFERRED_SIZE, 173,
javax.swing.GroupLayout.PREFERRED_SIZE)
            .addComponent(CustomerPhoneTextBox,
javax.swing.GroupLayout.PREFERRED_SIZE, 173,
javax.swing.GroupLayout.PREFERRED_SIZE))))
        .addGroup(jPanel1Layout.createSequentialGroup())
        .addGap(23, 23, 23)

```



```
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING)
```

```
    .addComponent(CustomerHomeButton,  
        javax.swing.GroupLayout.PREFERRED_SIZE, 90,  
        javax.swing.GroupLayout.PREFERRED_SIZE)
```

```
.addGroup(jPanel1Layout.createSequentialGroup())
```

```
    .addComponent(CustomerAddButton,  
        javax.swing.GroupLayout.PREFERRED_SIZE, 90,  
        javax.swing.GroupLayout.PREFERRED_SIZE)
```

```
        .addGap(18, 18, 18)
```

```
        .addComponent(CustomerUpdateButton,  
            javax.swing.GroupLayout.PREFERRED_SIZE, 90,  
            javax.swing.GroupLayout.PREFERRED_SIZE))
```

```
        .addComponent(NewButton,  
            javax.swing.GroupLayout.PREFERRED_SIZE, 90,  
            javax.swing.GroupLayout.PREFERRED_SIZE))
```

```
        .addGap(18, 18, 18)
```

```
        .addComponent(CustomerDeleteButton,  
            javax.swing.GroupLayout.PREFERRED_SIZE, 90,  
            javax.swing.GroupLayout.PREFERRED_SIZE)))
```

```
    .addGap(43, 43, 43)
```

```
    .addComponent(jScrollPane1,  
        javax.swing.GroupLayout.PREFERRED_SIZE, 440,  
        javax.swing.GroupLayout.PREFERRED_SIZE)
```

```
.addContainerGap(javax.swing.GroupLayout.DEFAULT_SIZE,  
    Short.MAX_VALUE))
```

```
);
```

```
jPanel1Layout.setVerticalGroup(
```

```
jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
```

```
    .addGroup(jPanel1Layout.createSequentialGroup())
```

```
        .addComponent(jPanel2,  
            javax.swing.GroupLayout.PREFERRED_SIZE,
```

```

javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE)
    .addGap(22, 22, 22)

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
    .addGroup(jPanel1Layout.createSequentialGroup())

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
    .addComponent(CustomerIdTextBox,
javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE)
    .addComponent(jLabel1))
    .addGap(16, 16, 16)

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
    .addComponent(CustomerNameTextBox,
javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE)
    .addComponent(jLabel3))
    .addGap(13, 13, 13)

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
    .addComponent(CustomerPhoneTextBox,
javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE)
    .addComponent(jLabel4))
    .addGap(73, 73, 73)
    .addComponent(NewButton,
javax.swing.GroupLayout.PREFERRED_SIZE, 39,
javax.swing.GroupLayout.PREFERRED_SIZE)

```

```
.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.  
UNRELATED)
```

```
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.Group  
Layout.Alignment.BASELINE)
```

```
        .addComponent(CustomerAddButton,  
javax.swing.GroupLayout.PREFERRED_SIZE, 39,  
javax.swing.GroupLayout.PREFERRED_SIZE)  
        .addComponent(CustomerUpdateButton,  
javax.swing.GroupLayout.PREFERRED_SIZE, 39,  
javax.swing.GroupLayout.PREFERRED_SIZE)  
        .addComponent(CustomerDeleteButton,  
javax.swing.GroupLayout.PREFERRED_SIZE, 39,  
javax.swing.GroupLayout.PREFERRED_SIZE))
```

```
.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.  
UNRELATED)
```

```
        .addComponent(CustomerHomeButton,  
javax.swing.GroupLayout.PREFERRED_SIZE, 39,  
javax.swing.GroupLayout.PREFERRED_SIZE))  
        .addComponent(jScrollPane1,  
javax.swing.GroupLayout.PREFERRED_SIZE, 275,  
javax.swing.GroupLayout.PREFERRED_SIZE))  
        .addGap(0, 22, Short.MAX_VALUE))  
    );
```

```
        javax.swing.GroupLayout layout = new  
javax.swing.GroupLayout(getContentPane());  
        getContentPane().setLayout(layout);  
        layout.setHorizontalGroup(
```

```
layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LE  
ADING)
```

```
        .addComponent(jPanel1,  
javax.swing.GroupLayout.PREFERRED_SIZE,
```

```

javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE)
    );
    layout.setVerticalGroup(

layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
    .addComponent(jPanel1,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
    );

    pack();
    setLocationRelativeTo(null);
} // </editor-fold>

public void IdFill() {
    try {
        Con =
DriverManager.getConnection("jdbc:mysql://localhost:3306/InventoryDB", "kangaro", "1234");
        St = Con.createStatement();
        Rs = St.executeQuery("SELECT MAX(Customer_id) as
Customer_id FROM inventorydb.`Customer`");
        if (Rs.next()){
            int i = Rs.getInt("Customer_id");
            int id = i+1;
            CustomerIdTextBox.setText(String.valueOf(id));
        }else{
            CustomerIdTextBox.setText("1");
        }
        Con.close();
        CustomerNameTextBox.requestFocusInWindow();
    } catch (SQLException e) {
        e.printStackTrace();
    }
}

```

```

public void Clear() {
    CustomerIdTextBox.setText("");
    CustomerNameTextBox.setText("");
    CustomerPhoneTextBox.setText("");
}

public void CustomerTableFill() {
    try {
        Con =
DriverManager.getConnection("jdbc:mysql://localhost:3306/Invertor
yDB", "kangaro", "1234");
        St = Con.createStatement();
        Rs = St.executeQuery("Select * from Customer");

CustomerTable.setModel(DbUtils.resultSetToTableModel(Rs));
        CustomerTable.getColumnModel().getColumn( 0
).setHeaderValue( "ID" );
        CustomerTable.getColumnModel().getColumn( 1
).setHeaderValue( "ИМЯ" );
        CustomerTable.getColumnModel().getColumn( 2
).setHeaderValue( "ТЕЛЕФОН" );
        Con.close();
    } catch (SQLException e) {
        e.printStackTrace();
    }
}

private void
CustomerAddButtonKeyPressed(java.awt.event.KeyEvent evt) {

}

private void
CustomerAddButtonMouseClicked(java.awt.event.MouseEvent
evt) {
    try {

```

```

        Con =
DriverManager.getConnection("jdbc:mysql://localhost:3306/InventoryDB", "kangaro", "1234");
        PreparedStatement add = Con.prepareStatement("insert
into Customer VALUES(?,?,?)");
        add.setInt(1,
Integer.valueOf(CustomerIdTextBox.getText()));
        add.setString(2, (CustomerNameTextBox.getText()));
        add.setString(3, (CustomerPhoneTextBox.getText()));

        int row = add.executeUpdate();
        JOptionPane.showMessageDialog(this, "Клиента е
добавен");
        Con.close();
        CustomerTableFill();
        Clear();
        IdFill();
    } catch (SQLException e) {
        e.printStackTrace();
    }
}

private void
CustomerTableMouseClicked(java.awt.event.MouseEvent evt) {
    DefaultTableModel model =
(DefaultTableModel)CustomerTable.getModel();
    int MyIndex = CustomerTable.getSelectedRow();
    CustomerIdTextBox.setText(model.getValueAt(MyIndex,
0).toString());
    CustomerNameTextBox.setText(model.getValueAt(MyIndex,
1).toString());
    CustomerPhoneTextBox.setText(model.getValueAt(MyIndex,
2).toString());
}

```

```

        private void
CustomerUpdateButtonMouseClicked(java.awt.event.MouseEvent
evt) {
    if
(CustomerIdTextBox.getText().isEmpty()||CustomerNameTextBox.g
etText().isEmpty()){
        JOptionPane.showMessageDialog(this, "Липсва пълна
информация за клиент");
    }
    else{
        try{
            Con =
DriverManager.getConnection("jdbc:mysql://localhost:3306/Invertor
yDB", "kangaro", "1234");
            String UpdateQwery = "Update inventorydb.Customer set
Customer_name='"+CustomerNameTextBox.getText()+"''+",Custo
mer_phone='"+CustomerPhoneTextBox.getText()+"''+"where
Customer_id='"+CustomerIdTextBox.getText();
            Statement Add = Con.createStatement();
            Add.executeUpdate(UpdateQwery);
            Con.close();
            CustomerTableFill();
            Clear();
            IdFill();
            JOptionPane.showMessageDialog(this, "Клиента е
променен");
        }catch (SQLException e) {
            e.printStackTrace();
        }
    }
}

private void jLabel8MouseClicked(java.awt.event.MouseEvent
evt) {
    System.exit(0);
}

```

```

        private void
        CustomerDeleteButtonMouseClicked(java.awt.event.MouseEvent
        evt) {
            if
            (CustomerIdTextBox.getText().isEmpty()||CustomerNameTextBox.g
            etText().isEmpty()) {
                JOptionPane.showMessageDialog(this, "Няма избран
            клиент за изтриване");
            } else {
                try {
                    Con =
            DriverManager.getConnection("jdbc:mysql://localhost:3306/Invertor
            yDB", "kangaro", "1234");
                    String Id = CustomerIdTextBox.getText();
                    String Qwery = "Delete from inventorydb.Customer
            where Customer_id=" + Id;
                    Statement Add = Con.createStatement();
                    Add.executeUpdate(Qwery);
                    Con.close();
                    CustomerTableFill();
                    Clear();
                    IdFill();
                    JOptionPane.showMessageDialog(this, "Клиента е
            изтрит");
                } catch (SQLException e) {
                    e.printStackTrace();
                }
            }
        }
    }

```

```

        private void
        NewButtonMouseClicked(java.awt.event.MouseEvent evt) {

            Clear();
            IdFill();
        }
    }

```



```
private void  
CustomerHomeButtonMouseClicked(java.awt.event.MouseEvent  
evt) {
```

```
    this.dispose();  
}
```

```
/**  
 * @param args the command line arguments  
 */  
public static void main(String args[]) {
```

```
    java.awt.EventQueue.invokeLater(new Runnable() {  
        public void run() {  
            new Customer().setVisible(true);  
        }  
    });  
}
```

```
// Variables declaration - do not modify  
private javax.swing.JButton CustomerAddButton;  
private javax.swing.JButton CustomerDeleteButton;  
private javax.swing.JButton CustomerHomeButton;  
private javax.swing.JTextField CustomerIdTextBox;  
private javax.swing.JTextField CustomerNameTextBox;  
private javax.swing.JTextField CustomerPhoneTextBox;  
private javax.swing.JTable CustomerTable;  
private javax.swing.JButton CustomerUpdateButton;  
private javax.swing.JButton NewButton;  
private javax.swing.JLabel jLabel1;  
private javax.swing.JLabel jLabel2;  
private javax.swing.JLabel jLabel3;  
private javax.swing.JLabel jLabel4;  
private javax.swing.JLabel jLabel5;  
private javax.swing.JLabel jLabel8;
```

```
private javax.swing.JPanel jPanel1;  
private javax.swing.JPanel jPanel2;  
private javax.swing.JScrollPane jScrollPane1;  
// End of variables declaration  
}
```

```
//CATEGORY
```

```
package com.mycompany.invertory;
```

```
import java.sql.Connection;  
import java.sql.DriverManager;  
import java.sql.PreparedStatement;  
import java.sql.ResultSet;  
import java.sql.SQLException;  
import java.sql.Statement;  
import javax.swing.JOptionPane;  
import javax.swing.table.DefaultTableModel;  
import net.proteanit.sql.DbUtils;
```

```
public class Category extends javax.swing.JFrame {
```

```
    public Category() {  
        initComponents();  
        CategoryTableFill();  
        IdFill();  
    }
```

```
    Connection Con = null;  
    Statement St = null;  
    ResultSet Rs = null;
```

```
    @SuppressWarnings("unchecked")  
    // <editor-fold defaultstate="collapsed" desc="Generated Code">
```

```

private void initComponents() {

    jPanel1 = new javax.swing.JPanel();
    jPanel20 = new javax.swing.JPanel();
    jLabel2 = new javax.swing.JLabel();
    jLabel5 = new javax.swing.JLabel();
    jLabel8 = new javax.swing.JLabel();
    jLabel1 = new javax.swing.JLabel();
    CategoryIdTextBox = new javax.swing.JTextField();
    CategoryNameTextBox = new javax.swing.JTextField();
    jLabel3 = new javax.swing.JLabel();
    CategoryAddButton = new javax.swing.JButton();
    CategoryDeleteButton = new javax.swing.JButton();
    CategoryUpdateButton = new javax.swing.JButton();
    CategoryHomeButton = new javax.swing.JButton();
    jScrollPane1 = new javax.swing.JScrollPane();
    CategoryTable = new javax.swing.JTable();
    NewButton = new javax.swing.JButton();

    setDefaultCloseOperation(javax.swing.WindowConstants.EXIT_O
N_CLOSE);
    setUndecorated(true);

    jPanel1.setBackground(new java.awt.Color(102, 102, 102));
    jPanel1.setFocusable(false);

    jPanel20.setBackground(new java.awt.Color(0, 153, 153));

    jLabel2.setFont(new java.awt.Font("Tahoma", 1, 18)); //
NOI18N
    jLabel2.setForeground(new java.awt.Color(255, 255, 255));
    jLabel2.setText("СОФТУЕР СКЛАД");

    jLabel5.setFont(new java.awt.Font("Tahoma", 1, 18)); //
NOI18N
    jLabel5.setForeground(new java.awt.Color(255, 255, 255));

```

```

jLabel5.setText("КАТЕГОРИИ");

jLabel8.setFont(new java.awt.Font("Tahoma", 1, 36)); //
NOI18N
jLabel8.setForeground(new java.awt.Color(255, 255, 255));
jLabel8.setText(" X");

jLabel8.setBorder(javax.swing.BorderFactory.createLineBorder(ne
w java.awt.Color(0, 0, 0)));
jLabel8.addMouseListener(new
java.awt.event.MouseAdapter() {
    public void mouseClicked(java.awt.event.MouseEvent evt)
{
        jLabel8MouseClicked(evt);
    }
});

javax.swing.GroupLayout jPanel20Layout = new
javax.swing.GroupLayout(jPanel20);
jPanel20.setLayout(jPanel20Layout);
jPanel20Layout.setHorizontalGroup(

jPanel20Layout.createParallelGroup(javax.swing.GroupLayout.Alig
nment.LEADING)
    .addGroup(jPanel20Layout.createSequentialGroup()
        .addGap(317, 317, 317)

.addGroup(jPanel20Layout.createParallelGroup(javax.swing.Grou
pLayout.Alignment.LEADING)
    .addComponent(jLabel2)
    .addGroup(jPanel20Layout.createSequentialGroup()
        .addGap(35, 35, 35)
        .addComponent(jLabel5)))

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.
RELATED, javax.swing.GroupLayout.DEFAULT_SIZE,
Short.MAX_VALUE)

```

```

        .addComponent(jLabel8,
javax.swing.GroupLayout.PREFERRED_SIZE, 48,
javax.swing.GroupLayout.PREFERRED_SIZE)
        .addContainerGap())
    );
    JPanel20Layout.setVerticalGroup(

jPanel20Layout.createParallelGroup(javax.swing.GroupLayout.Align
ment.LEADING)
        .addGroup(jPanel20Layout.createSequentialGroup())
        .addContainerGap()

.addGroup(jPanel20Layout.createParallelGroup(javax.swing.Grou
pLayout.Alignment.LEADING)
        .addComponent(jLabel8)
        .addGroup(jPanel20Layout.createSequentialGroup())
        .addComponent(jLabel2)

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.
RELATED)
        .addComponent(jLabel5)))

.addContainerGap(javax.swing.GroupLayout.DEFAULT_SIZE,
Short.MAX_VALUE))
    );

    jLabel1.setFont(new java.awt.Font("Tahoma", 1, 18)); //
NOI18N
    jLabel1.setForeground(new java.awt.Color(255, 255, 255));
    jLabel1.setText("ID");

    CategoryIdTextBox.setFont(new java.awt.Font("Tahoma", 1,
11)); // NOI18N

    CategoryNameTextBox.setFont(new java.awt.Font("Tahoma",
1, 11)); // NOI18N

```

```

        jLabel3.setFont(new java.awt.Font("Tahoma", 1, 18)); //
        NOI18N
        jLabel3.setForeground(new java.awt.Color(255, 255, 255));
        jLabel3.setText("ИМЕ");

        CategoryAddButton.setBackground(new java.awt.Color(0,
        102, 102));
        CategoryAddButton.setFont(new java.awt.Font("Tahoma", 1,
        11)); // NOI18N
        CategoryAddButton.setForeground(new java.awt.Color(255,
        255, 255));
        CategoryAddButton.setText("ДОБАВИ");
        CategoryAddButton.setToolTipText("");
        CategoryAddButton.addMouseListener(new
        java.awt.event.MouseAdapter() {
            public void mouseClicked(java.awt.event.MouseEvent evt)
        {
            CategoryAddButtonMouseClicked(evt);
        }
        });

        CategoryDeleteButton.setBackground(new java.awt.Color(0,
        102, 102));
        CategoryDeleteButton.setFont(new java.awt.Font("Tahoma",
        1, 11)); // NOI18N
        CategoryDeleteButton.setForeground(new
        java.awt.Color(255, 255, 255));
        CategoryDeleteButton.setText("ИЗТРИЙ");
        CategoryDeleteButton.setToolTipText("");
        CategoryDeleteButton.addMouseListener(new
        java.awt.event.MouseAdapter() {
            public void mouseClicked(java.awt.event.MouseEvent evt)
        {
            CategoryDeleteButtonMouseClicked(evt);
        }
        });

```

```

        CategoryUpdateButton.setBackground(new java.awt.Color(0,
102, 102));
        CategoryUpdateButton.setFont(new java.awt.Font("Tahoma",
1, 11)); // NOI18N
        CategoryUpdateButton.setForeground(new
java.awt.Color(255, 255, 255));
        CategoryUpdateButton.setText("ПОМОЩИ");
        CategoryUpdateButton.setToolTipText("");
        CategoryUpdateButton.addMouseListener(new
java.awt.event.MouseAdapter() {
            public void mouseClicked(java.awt.event.MouseEvent evt)
{
                CategoryUpdateButtonMouseClicked(evt);
            }
        });

```

```

        CategoryHomeButton.setBackground(new java.awt.Color(0,
102, 102));
        CategoryHomeButton.setFont(new java.awt.Font("Tahoma",
1, 11)); // NOI18N
        CategoryHomeButton.setForeground(new
java.awt.Color(255, 255, 255));
        CategoryHomeButton.setText("ОБПАТНО");
        CategoryHomeButton.setToolTipText("");
        CategoryHomeButton.addMouseListener(new
java.awt.event.MouseAdapter() {
            public void mouseClicked(java.awt.event.MouseEvent evt)
{
                CategoryHomeButtonMouseClicked(evt);
            }
        });

```

```

        CategoryTable.setBackground(new java.awt.Color(0, 153,
153));
        CategoryTable.setModel(new
javax.swing.table.DefaultTableModel(
            new Object [][] {

```

```

        },
        new String [] {
            "ID", "IME"
        }
    ));
    CategoryTable.addMouseListener(new
java.awt.event.MouseAdapter() {
        public void mouseClicked(java.awt.event.MouseEvent evt)
    {
        CategoryTableMouseClicked(evt);
    }
    });
    JScrollPane1.setViewportViewView(CategoryTable);

    NewButton.setBackground(new java.awt.Color(0, 102, 102));
    NewButton.setFont(new java.awt.Font("Tahoma", 1, 11)); //
NOI18N
    NewButton.setForeground(new java.awt.Color(255, 255,
255));
    NewButton.setText("HOB");
    NewButton.setToolTipText("");
    NewButton.addMouseListener(new
java.awt.event.MouseAdapter() {
        public void mouseClicked(java.awt.event.MouseEvent evt)
    {
        NewButtonMouseClicked(evt);
    }
    });

    javax.swing.GroupLayout jPanel1Layout = new
javax.swing.GroupLayout(jPanel1);
    jPanel1.setLayout(jPanel1Layout);
    jPanel1Layout.setHorizontalGroup(

jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Align
ment.LEADING)

```



```

        .addComponent(jPanel20,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
        .addGroup(jPanel1Layout.createSequentialGroup())

        .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
            .addGroup(jPanel1Layout.createSequentialGroup()
                .addContainerGap()

        .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
            .addComponent(jLabel3)
            .addComponent(jLabel1))
            .addGap(101, 101, 101)

        .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
            .addComponent(CategoryNameTextBox,
javax.swing.GroupLayout.PREFERRED_SIZE, 173,
javax.swing.GroupLayout.PREFERRED_SIZE)
            .addComponent(CategoryIdTextBox,
javax.swing.GroupLayout.PREFERRED_SIZE, 173,
javax.swing.GroupLayout.PREFERRED_SIZE)))
            .addGroup(jPanel1Layout.createSequentialGroup()
                .addGap(23, 23, 23)

        .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING)
            .addComponent(CategoryHomeButton,
javax.swing.GroupLayout.PREFERRED_SIZE, 90,
javax.swing.GroupLayout.PREFERRED_SIZE)

        .addGroup(jPanel1Layout.createSequentialGroup()
            .addComponent(CategoryAddButton,
javax.swing.GroupLayout.PREFERRED_SIZE, 90,
javax.swing.GroupLayout.PREFERRED_SIZE)

```

```

        .addGap(18, 18, 18)
        .addComponent(CategoryUpdateButton,
javax.swing.GroupLayout.PREFERRED_SIZE, 90,
javax.swing.GroupLayout.PREFERRED_SIZE))
        .addComponent(NewButton,
javax.swing.GroupLayout.PREFERRED_SIZE, 90,
javax.swing.GroupLayout.PREFERRED_SIZE))
        .addGap(18, 18, 18)
        .addComponent(CategoryDeleteButton,
javax.swing.GroupLayout.PREFERRED_SIZE, 90,
javax.swing.GroupLayout.PREFERRED_SIZE)))
        .addGap(55, 55, 55)
        .addComponent(jScrollPane1,
javax.swing.GroupLayout.PREFERRED_SIZE, 411,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addContainerGap(javax.swing.GroupLayout.DEFAULT_SIZE,
Short.MAX_VALUE))
    );
    JPanel1Layout.setVerticalGroup(

JPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Align
ment.LEADING)
        .addGroup(JPanel1Layout.createSequentialGroup())
        .addComponent(JPanel20,
javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE)
        .addGap(22, 22, 22)

.addGroup(JPanel1Layout.createParallelGroup(javax.swing.Group
Layout.Alignment.LEADING)
        .addGroup(JPanel1Layout.createSequentialGroup())

.addGroup(JPanel1Layout.createParallelGroup(javax.swing.Group
Layout.Alignment.TRAILING)
        .addComponent(jLabel3)

```

```
.addGroup(jPanel1Layout.createSequentialGroup())
```

```
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
```

```
    .addComponent(CategoryIdTextBox,  
        javax.swing.GroupLayout.PREFERRED_SIZE,  
        javax.swing.GroupLayout.DEFAULT_SIZE,  
        javax.swing.GroupLayout.PREFERRED_SIZE)  
    .addComponent(jLabel1))
```

```
.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)
```

```
    .addComponent(CategoryNameTextBox,  
        javax.swing.GroupLayout.PREFERRED_SIZE,  
        javax.swing.GroupLayout.DEFAULT_SIZE,  
        javax.swing.GroupLayout.PREFERRED_SIZE)))  
    .addGap(115, 115, 115)  
    .addComponent(NewButton,  
        javax.swing.GroupLayout.PREFERRED_SIZE, 39,  
        javax.swing.GroupLayout.PREFERRED_SIZE)  
    .addGap(18, 18, 18)
```

```
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
```

```
    .addComponent(CategoryAddButton,  
        javax.swing.GroupLayout.PREFERRED_SIZE, 39,  
        javax.swing.GroupLayout.PREFERRED_SIZE)  
    .addComponent(CategoryUpdateButton,  
        javax.swing.GroupLayout.PREFERRED_SIZE, 39,  
        javax.swing.GroupLayout.PREFERRED_SIZE)  
    .addComponent(CategoryDeleteButton,  
        javax.swing.GroupLayout.PREFERRED_SIZE, 39,  
        javax.swing.GroupLayout.PREFERRED_SIZE))
```

```
.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
```

```

        .addComponent(CategoryHomeButton,
javax.swing.GroupLayout.PREFERRED_SIZE, 39,
javax.swing.GroupLayout.PREFERRED_SIZE))
        .addComponent(jScrollPane1,
javax.swing.GroupLayout.PREFERRED_SIZE, 277,
javax.swing.GroupLayout.PREFERRED_SIZE))
        .addGap(0, 29, Short.MAX_VALUE))
    );

    javax.swing.GroupLayout layout = new
javax.swing.GroupLayout(getContentPane());
    getContentPane().setLayout(layout);
    layout.setHorizontalGroup(

layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addComponent(jPanel1,
javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE)
    );
    layout.setVerticalGroup(

layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addComponent(jPanel1,
javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE)
    );

    pack();
    setLocationRelativeTo(null);
} // </editor-fold>

public void IdFill() {
    try {

```

```

        Con =
DriverManager.getConnection("jdbc:mysql://localhost:3306/Invertor
yDB", "kangaro", "1234");
        St = Con.createStatement();
        Rs = St.executeQuery("SELECT MAX(Category_id) as
Category_id FROM inventorydb.`Category`");
        if (Rs.next()){
            int i = Rs.getInt("Category_id");
            int id = i+1;
            CategoryIdTextBox.setText(String.valueOf(id));
        }else{
            CategoryIdTextBox.setText("1");
        }
        Con.close();
        CategoryNameTextBox.requestFocusInWindow();
    } catch (SQLException e) {
        e.printStackTrace();
    }
}

public void Clear() {
    CategoryIdTextBox.setText("");
    CategoryNameTextBox.setText("");
}

public void CategoryTableFill() {
    try {
        Con =
DriverManager.getConnection("jdbc:mysql://localhost:3306/Invertor
yDB", "kangaro", "1234");
        St = Con.createStatement();
        Rs = St.executeQuery("Select * from Category");

        CategoryTable.setModel(DbUtils.resultSetToTableModel(Rs));
        CategoryTable.getColumnModel().getColumn( 0
).setHeaderValue( "ID" );

```

```

        CategoryTable.getColumnModel().getColumn( 1
    ).setHeaderValue( "ИМЕ НА КАТЕГОРИЯ" );
        Con.close();
    } catch (SQLException e) {
        e.printStackTrace();
    }
}

private void
CategoryAddButtonMouseClicked(java.awt.event.MouseEvent evt)
{
    try {
        Con =
        DriverManager.getConnection("jdbc:mysql://localhost:3306/Invertor
yDB", "kangaro", "1234");
        PreparedStatement add = Con.prepareStatement("insert
into Category VALUES(?,?) ");
        add.setInt(1,
        Integer.valueOf(CategoryIdTextBox.getText()));
        add.setString(2, (CategoryNameTextBox.getText()));

        int row = add.executeUpdate();
        JOptionPane.showMessageDialog(this, "Категорията е
добавена");
        Con.close();
        CategoryTableFill();
        Clear();
        IdFill();
    } catch (SQLException e) {
        e.printStackTrace();
    }
}

private void jLabel8MouseClicked(java.awt.event.MouseEvent
evt) {
    System.exit(0);
}

```

```

        private void
        CategoryUpdateButtonMouseClicked(java.awt.event.MouseEvent
        evt) {
            if
            (CategoryIdTextBox.getText().isEmpty()||CategoryNameTextBox.ge
            tText().isEmpty()){
                JOptionPane.showMessageDialog(this, "Липсва пълна
                информация за категорията");
            }
            else{
                try{
                    Con =
                    DriverManager.getConnection("jdbc:mysql://localhost:3306/Invertor
                    yDB", "kangaro", "1234");
                    String UpdateQwery = "Update inventorydb.Category set
                    Category_name='"+CategoryNameTextBox.getText()+"'+"where
                    Category_id='"+CategoryIdTextBox.getText();
                    Statement Add = Con.createStatement();
                    Add.executeUpdate(UpdateQwery);
                    Con.close();
                    CategoryTableFill();
                    Clear();
                    IdFill();
                    JOptionPane.showMessageDialog(this, "Категорията е
                    променена");
                }catch (SQLException e) {
                    e.printStackTrace();
                }
            }
        }
    }
}

```

```

        private void
        CategoryTableMouseClicked(java.awt.event.MouseEvent evt) {
            DefaultTableModel model =
            (DefaultTableModel)CategoryTable.getModel();
            int MyIndex = CategoryTable.getSelectedRow();

```

```

        CategoryIdTextBox.setText(model.getValueAt(MyIndex,
0).toString());
        CategoryNameTextBox.setText(model.getValueAt(MyIndex,
1).toString());
    }

    private void
CategoryDeleteButtonMouseClicked(java.awt.event.MouseEvent
evt) {
        if (CategoryIdTextBox.getText().isEmpty()) {
            JOptionPane.showMessageDialog(this, "Няма избрана
категория за изтриване");
        } else {
            try {
                Con =
DriverManager.getConnection("jdbc:mysql://localhost:3306/Invertor
yDB", "kangaro", "1234");
                String Id = CategoryIdTextBox.getText();
                String Qwery = "Delete from inventorydb.Category where
Category_id=" + Id;
                Statement Add = Con.createStatement();
                Add.executeUpdate(Qwery);
                Con.close();
                CategoryTableFill();
                Clear();
                IdFill();
                JOptionPane.showMessageDialog(this, "Категорията е
изтрита");
            } catch (SQLException e) {
                e.printStackTrace();
            }
        }
    }

    private void
CategoryHomeButtonMouseClicked(java.awt.event.MouseEvent
evt) {

```



```

        this.dispose();
    }

    private void
NewButtonMouseClicked(java.awt.event.MouseEvent evt) {

        Clear();
        IdFill();
    }

    /**
     * @param args the command line arguments
     */
    public static void main(String args[]) {

        java.awt.EventQueue.invokeLater(new Runnable() {
            public void run() {
                new Category().setVisible(true);
            }
        });
    }

    // Variables declaration - do not modify
    private javax.swing.JButton CategoryAddButton;
    private javax.swing.JButton CategoryDeleteButton;
    private javax.swing.JButton CategoryHomeButton;
    private javax.swing.JTextField CategoryIdTextBox;
    private javax.swing.JTextField CategoryNameTextBox;
    private javax.swing.JTable CategoryTable;
    private javax.swing.JButton CategoryUpdateButton;
    private javax.swing.JButton NewButton;
    private javax.swing.JLabel jLabel1;
    private javax.swing.JLabel jLabel2;
    private javax.swing.JLabel jLabel3;
    private javax.swing.JLabel jLabel5;
    private javax.swing.JLabel jLabel8;

```

```
private javax.swing.JPanel jPanel1;  
private javax.swing.JPanel jPanel20;  
private javax.swing.JScrollPane jScrollPane1;  
// End of variables declaration  
}
```

```
//ORDER
```

```
package com.mycompany.inventory;  
  
import java.awt.Component;  
import java.awt.print.PrinterException;  
import java.math.RoundingMode;  
import java.sql.Connection;  
import java.sql.DriverManager;  
import static java.sql.JDBCType.NULL;  
import java.sql.PreparedStatement;  
import java.sql.ResultSet;  
import java.sql.SQLException;  
import java.sql.Statement;  
import java.text.DecimalFormat;  
import java.text.MessageFormat;  
import java.text.NumberFormat;  
import java.time.LocalDateTime;  
import java.time.format.DateTimeFormatter;  
import java.util.Vector;  
import java.util.logging.Level;  
import java.util.logging.Logger;  
import javax.swing.JOptionPane;  
import javax.swing.JTable;  
import javax.swing.table.DefaultTableModel;  
import net.proteanit.sql.DbUtils;  
import org.h2.util.New;
```

```
public class Order extends javax.swing.JFrame {
```

```
    private MessageFormat header;
```

```
    public Order() {  
        initComponents();  
        ProductTableFill();  
        CustomerTableFill();  
        GetToday();  
        IdFill();  
        ProductNameTextBox.setVisible(false);  
        ProductCatTextBox.setVisible(false);  
        CustomerNameTextBox1.setVisible(false);  
    }
```

```
    Connection Con = null;
```

```
    Statement St = null;
```

```
    ResultSet Rs = null;
```

```
@SuppressWarnings("unchecked")
```

```
// <editor-fold defaultstate="collapsed" desc="Generated Code">
```

```
private void initComponents() {
```

```
    jPanel1 = new javax.swing.JPanel();
```

```
    jPanel2 = new javax.swing.JPanel();
```

```
    jLabel2 = new javax.swing.JLabel();
```

```
    jLabel8 = new javax.swing.JLabel();
```

```
    jLabel9 = new javax.swing.JLabel();
```

```
    jLabel1 = new javax.swing.JLabel();
```

```
    TotalTextBox = new javax.swing.JTextField();
```

```
    ProductNameTextBox = new javax.swing.JTextField();
```

```
    jLabel3 = new javax.swing.JLabel();
```

```
    CustomerNameTextBox = new javax.swing.JTextField();
```

```
    jLabel5 = new javax.swing.JLabel();
```

```
    ProductQtyTextBox = new javax.swing.JTextField();
```

```
    jLabel4 = new javax.swing.JLabel();
```

```
jLabel6 = new javax.swing.JLabel();
ProductSalePriceTextBox = new javax.swing.JTextField();
jLabel7 = new javax.swing.JLabel();
AddButton = new javax.swing.JButton();
OrderAddButton = new javax.swing.JButton();
PrintButton = new javax.swing.JButton();
HomeButton = new javax.swing.JButton();
jScrollPane1 = new javax.swing.JScrollPane();
ProductTable = new javax.swing.JTable();
jScrollPane2 = new javax.swing.JScrollPane();
CustomerTable = new javax.swing.JTable();
jScrollPane3 = new javax.swing.JScrollPane();
OrderTable = new javax.swing.JTable();
DateTextBox = new javax.swing.JTextField();
jLabel10 = new javax.swing.JLabel();
ProductCatTextBox = new javax.swing.JTextField();
OrderIdTextBox = new javax.swing.JTextField();
jLabel11 = new javax.swing.JLabel();
jScrollPane4 = new javax.swing.JScrollPane();
InvoiceTextArea = new javax.swing.JTextArea();
jLabel12 = new javax.swing.JLabel();
DelTotalTextBox = new javax.swing.JTextField();
ProductDelPriceTextBox = new javax.swing.JTextField();
jLabel13 = new javax.swing.JLabel();
ProductNameTextBox1 = new javax.swing.JTextField();
ProductCatTextBox1 = new javax.swing.JTextField();
CustomerNameTextBox1 = new javax.swing.JTextField();
```

```
setDefaultCloseOperation(javax.swing.WindowConstants.EXIT_O  
N_CLOSE);
```

```
    setUndecorated(true);
```

```
jPanel1.setBackground(new java.awt.Color(102, 102, 102));  
jPanel1.setFocusable(false);
```

```
jPanel2.setBackground(new java.awt.Color(0, 153, 153));
```

```
jLabel2.setFont(new java.awt.Font("Tahoma", 1, 18)); //
NOI18N
jLabel2.setForeground(new java.awt.Color(255, 255, 255));
jLabel2.setText("СОФТУЕР СКЛАД");
```

```
jLabel8.setFont(new java.awt.Font("Tahoma", 1, 36)); //
NOI18N
jLabel8.setForeground(new java.awt.Color(255, 255, 255));
jLabel8.setText(" X");
```

```
jLabel8.setBorder(javax.swing.BorderFactory.createLineBorder(ne
w java.awt.Color(0, 0, 0)));
jLabel8.addMouseListener(new
java.awt.event.MouseAdapter() {
    public void mouseClicked(java.awt.event.MouseEvent evt)
{
    jLabel8MouseClicked(evt);
}
});
```

```
jLabel9.setFont(new java.awt.Font("Tahoma", 1, 18)); //
NOI18N
jLabel9.setForeground(new java.awt.Color(255, 255, 255));
jLabel9.setText("ФАКТУРИ");
```

```
javax.swing.GroupLayout jPanel2Layout = new
javax.swing.GroupLayout(jPanel2);
jPanel2.setLayout(jPanel2Layout);
jPanel2Layout.setHorizontalGroup(
```

```
jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Align
ment.LEADING)
    .addGroup(jPanel2Layout.createSequentialGroup()
```

```
.addContainerGap(javax.swing.GroupLayout.DEFAULT_SIZE,
Short.MAX_VALUE)
```

```
.addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
```

```
.addGroup(javax.swing.GroupLayout.Alignment.TRAILING,  
jPanel2Layout.createSequentialGroup()  
    .addComponent(jLabel9)  
    .addGap(422, 422, 422))
```

```
.addGroup(javax.swing.GroupLayout.Alignment.TRAILING,  
jPanel2Layout.createSequentialGroup()  
    .addComponent(jLabel2)  
    .addGap(395, 395, 395)))  
    .addComponent(jLabel8,  
javax.swing.GroupLayout.PREFERRED_SIZE, 48,  
javax.swing.GroupLayout.PREFERRED_SIZE)  
    .addContainerGap())
```

```
);
```

```
jPanel2Layout.setVerticalGroup(
```

```
jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
```

```
    .addGroup(jPanel2Layout.createSequentialGroup())
```

```
.addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
```

```
    .addGroup(jPanel2Layout.createSequentialGroup())
```

```
        .addGap(19, 19, 19)
```

```
        .addComponent(jLabel8))
```

```
    .addGroup(jPanel2Layout.createSequentialGroup())
```

```
        .addGap(18, 18, 18)
```

```
        .addComponent(jLabel2)
```

```
.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)
```

```
    .addComponent(jLabel9)))
```

```
.addContainerGap(javax.swing.GroupLayout.DEFAULT_SIZE,  
Short.MAX_VALUE))  
);
```

```
jLabel1.setFont(new java.awt.Font("Tahoma", 1, 18)); //  
NOI18N  
jLabel1.setForeground(new java.awt.Color(255, 255, 255));  
jLabel1.setText("ДАТА");
```

```
TotalTextBox.setFont(new java.awt.Font("Tahoma", 1, 11)); //  
NOI18N
```

```
ProductNameTextBox.setFont(new java.awt.Font("Tahoma",  
1, 11)); // NOI18N
```

```
jLabel3.setFont(new java.awt.Font("Tahoma", 1, 18)); //  
NOI18N  
jLabel3.setForeground(new java.awt.Color(255, 255, 255));  
jLabel3.setText("ПРОДУКТ");
```

```
CustomerNameTextBox.setFont(new java.awt.Font("Tahoma",  
1, 11)); // NOI18N
```

```
jLabel5.setFont(new java.awt.Font("Tahoma", 1, 18)); //  
NOI18N  
jLabel5.setForeground(new java.awt.Color(255, 255, 255));  
jLabel5.setText("КЛИЕНТ");
```

```
ProductQtyTextBox.setFont(new java.awt.Font("Tahoma", 1,  
11)); // NOI18N
```

```
jLabel4.setFont(new java.awt.Font("Tahoma", 1, 18)); //  
NOI18N  
jLabel4.setForeground(new java.awt.Color(255, 255, 255));  
jLabel4.setText("КОЛИЧЕСТВО");
```

```

        jLabel6.setFont(new java.awt.Font("Tahoma", 1, 18)); //
        NOI18N
        jLabel6.setForeground(new java.awt.Color(255, 255, 255));
        jLabel6.setText("ПРОД. ЦЕНА");

        ProductSalePriceTextBox.setFont(new
        java.awt.Font("Tahoma", 1, 11)); // NOI18N

        jLabel7.setFont(new java.awt.Font("Tahoma", 1, 18)); //
        NOI18N
        jLabel7.setForeground(new java.awt.Color(255, 255, 255));
        jLabel7.setText("КАТЕГОРИЯ");

        AddButton.setBackground(new java.awt.Color(0, 102, 102));
        AddButton.setFont(new java.awt.Font("Tahoma", 1, 11)); //
        NOI18N
        AddButton.setForeground(new java.awt.Color(255, 255,
        255));
        AddButton.setText("ДОБАВИ");
        AddButton.setToolTipText("");
        AddButton.addMouseListener(new
        java.awt.event.MouseAdapter() {
            public void mouseClicked(java.awt.event.MouseEvent evt)
        {
            AddButtonMouseClicked(evt);
        }
        });

        OrderAddButton.setBackground(new java.awt.Color(0, 102,
        102));
        OrderAddButton.setFont(new java.awt.Font("Tahoma", 1,
        11)); // NOI18N
        OrderAddButton.setForeground(new java.awt.Color(255, 255,
        255));
        OrderAddButton.setText("ЗАПИШИ");
        OrderAddButton.setToolTipText("");

```



```

        OrderAddButton.addMouseListener(new
java.awt.event.MouseAdapter() {
            public void mouseClicked(java.awt.event.MouseEvent evt)
{
                OrderAddButtonMouseClicked(evt);
            }
        });
        OrderAddButton.addActionListener(new
java.awt.event.ActionListener() {
            public void actionPerformed(java.awt.event.ActionEvent
evt) {
                OrderAddButtonActionPerformed(evt);
            }
        });

```

```

        PrintButton.setBackground(new java.awt.Color(0, 102, 102));
        PrintButton.setFont(new java.awt.Font("Tahoma", 1, 11)); //
NOI18N
        PrintButton.setForeground(new java.awt.Color(255, 255,
255));
        PrintButton.setText("ПРИНТИРАЙ");
        PrintButton.setToolTipText("");
        PrintButton.addMouseListener(new
java.awt.event.MouseAdapter() {
            public void mouseClicked(java.awt.event.MouseEvent evt)
{
                PrintButtonMouseClicked(evt);
            }
        });
        PrintButton.addActionListener(new
java.awt.event.ActionListener() {
            public void actionPerformed(java.awt.event.ActionEvent
evt) {
                PrintButtonActionPerformed(evt);
            }
        });

```

```

        HomeButton.setBackground(new java.awt.Color(0, 102,
102));
        HomeButton.setFont(new java.awt.Font("Tahoma", 1, 11)); //
NOI18N
        HomeButton.setForeground(new java.awt.Color(255, 255,
255));
        HomeButton.setText("ОБПАТНО");
        HomeButton.setToolTipText("");
        HomeButton.addMouseListener(new
java.awt.event.MouseAdapter() {
            public void mouseClicked(java.awt.event.MouseEvent evt)
{
                HomeButtonMouseClicked(evt);
            }
        });

        ProductTable.setBackground(new java.awt.Color(204, 255,
204));
        ProductTable.setModel(new
javax.swing.table.DefaultTableModel(
            new Object [][] {

                },
            new String [] {
                "ID", "ПРОДУКТ", "КОЛИЧЕСТВО", "ДОСТ. ЦЕНА",
"ПРОД. ЦЕНА", "КАТЕГОРИЯ", "КАТ. ID"
            }
        ));
        ProductTable.addMouseListener(new
java.awt.event.MouseAdapter() {
            public void mouseClicked(java.awt.event.MouseEvent evt)
{
                ProductTableMouseClicked(evt);
            }
        });
        jScrollPane1.setViewportViewView(ProductTable);

```

```

        CustomerTable.setBackground(new java.awt.Color(204, 255,
204));
        CustomerTable.setModel(new
javax.swing.table.DefaultTableModel(
            new Object [][] {

                },
            new String [] {
                "ID", "ИМЕ", "ТЕЛЕФОН"
            }
        ));
        CustomerTable.addMouseListener(new
java.awt.event.MouseAdapter() {
            public void mouseClicked(java.awt.event.MouseEvent evt)
        {
            CustomerTableMouseClicked(evt);
        }
    });
    jScrollPane2.setViewportViewView(CustomerTable);

```

```

        OrderTable.setBackground(new java.awt.Color(204, 255,
204));
        OrderTable.setModel(new
javax.swing.table.DefaultTableModel(
            new Object [][] {

                },
            new String [] {
                "ID", "ДАТА", "КЛИЕНТ", "ПРОДУКТ", "КАТЕГОРИЯ",
"КОЛИЧЕСТВО", "ДОСТ. ЦЕНА", "ПРОД. ЦЕНА", "ПРОД. ID",
"КАТ. ID", "КЛИЕНТ ID"
            }
        ));
        OrderTable.addMouseListener(new
java.awt.event.MouseAdapter() {
            public void mouseClicked(java.awt.event.MouseEvent evt)
        {

```

```
        OrderTableMouseClicked(evt);
    }
});
jScrollPane3.setViewportViewView(OrderTable);

DateTextBox.setFont(new java.awt.Font("Tahoma", 1, 11)); //
NOI18N

jLabel10.setFont(new java.awt.Font("Tahoma", 1, 18)); //
NOI18N
jLabel10.setForeground(new java.awt.Color(255, 255, 255));
jLabel10.setText("ОПДЕР ID");

ProductCatTextBox.setFont(new java.awt.Font("Tahoma", 1,
11)); // NOI18N

OrdertIdTextBox.setFont(new java.awt.Font("Tahoma", 1,
11)); // NOI18N

jLabel11.setFont(new java.awt.Font("Tahoma", 1, 18)); //
NOI18N
jLabel11.setForeground(new java.awt.Color(255, 255, 255));
jLabel11.setText("Продажна сума");

InvoiceTextArea.setColumns(20);
InvoiceTextArea.setRows(5);
jScrollPane4.setViewportViewView(InvoiceTextArea);

jLabel12.setFont(new java.awt.Font("Tahoma", 1, 18)); //
NOI18N
jLabel12.setForeground(new java.awt.Color(255, 255, 255));
jLabel12.setText("Доставна сума");

DelTotalTextBox.setFont(new java.awt.Font("Tahoma", 1, 11));
// NOI18N
```

```
ProductDelPriceTextBox.setFont(new  
java.awt.Font("Tahoma", 1, 11)); // NOI18N
```

```
jLabel13.setFont(new java.awt.Font("Tahoma", 1, 18)); //  
NOI18N  
jLabel13.setForeground(new java.awt.Color(255, 255, 255));  
jLabel13.setText("ДОТ.ЦЕНА");
```

```
ProductNameTextBox1.setFont(new java.awt.Font("Tahoma",  
1, 11)); // NOI18N
```

```
ProductCatTextBox1.setFont(new java.awt.Font("Tahoma", 1,  
11)); // NOI18N
```

```
CustomerNameTextBox1.setFont(new  
java.awt.Font("Tahoma", 1, 11)); // NOI18N
```

```
javax.swing.GroupLayout jPanel1Layout = new  
javax.swing.GroupLayout(jPanel1);  
jPanel1.setLayout(jPanel1Layout);  
jPanel1Layout.setHorizontalGroup(
```

```
jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Align  
ment.LEADING)
```

```
.addComponent(jPanel2,  
javax.swing.GroupLayout.DEFAULT_SIZE,  
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)  
.addGroup(jPanel1Layout.createSequentialGroup()  
.addContainerGap()
```

```
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.Group  
Layout.Alignment.TRAILING)
```

```
.addGroup(javax.swing.GroupLayout.Alignment.LEADING,  
jPanel1Layout.createSequentialGroup()
```

```
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING)
```

```
    .addComponent(OrdertIdTextBox,  
javax.swing.GroupLayout.PREFERRED_SIZE, 100,  
javax.swing.GroupLayout.PREFERRED_SIZE)  
    .addComponent(jLabel10))
```

```
.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.  
RELATED)
```

```
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
```

```
    .addComponent(DateTextBox,  
javax.swing.GroupLayout.PREFERRED_SIZE, 113,  
javax.swing.GroupLayout.PREFERRED_SIZE)
```

```
.addGroup(jPanel1Layout.createSequentialGroup()  
    .addGap(35, 35, 35)  
    .addComponent(jLabel1)))
```

```
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
```

```
.addGroup(jPanel1Layout.createSequentialGroup())
```

```
.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.  
RELATED, javax.swing.GroupLayout.DEFAULT_SIZE,  
Short.MAX_VALUE)
```

```
    .addComponent(jLabel5)  
    .addGap(49, 49, 49))
```

```
.addGroup(jPanel1Layout.createSequentialGroup())
```

```
    .addGap(4, 4, 4)  
    .addComponent(CustomerNameTextBox,  
javax.swing.GroupLayout.PREFERRED_SIZE, 194,  
javax.swing.GroupLayout.PREFERRED_SIZE)
```

```
.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.  
RELATED, javax.swing.GroupLayout.DEFAULT_SIZE,  
Short.MAX_VALUE)))
```

```
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.  
Alignment.LEADING)
```

```
.addGroup(jPanel1Layout.createSequentialGroup())
```

```
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.  
Alignment.LEADING)
```

```
.addGroup(jPanel1Layout.createSequentialGroup()  
    .addGap(59, 59, 59)  
    .addComponent(jLabel3))  
    .addComponent(ProductNameTextBox1,  
javax.swing.GroupLayout.PREFERRED_SIZE, 197,  
javax.swing.GroupLayout.PREFERRED_SIZE))
```

```
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.  
Alignment.LEADING)
```

```
.addGroup(jPanel1Layout.createSequentialGroup()  
    .addGap(24, 24, 24)  
    .addComponent(jLabel7))
```

```
.addGroup(jPanel1Layout.createSequentialGroup())
```

```
.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.  
RELATED)
```

```
    .addComponent(ProductCatTextBox1,  
javax.swing.GroupLayout.PREFERRED_SIZE, 146,  
javax.swing.GroupLayout.PREFERRED_SIZE)))
```

```
.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.  
RELATED)
```

```
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING, false)
    .addComponent(jLabel4,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
    .addComponent(ProductQtyTextBox,
javax.swing.GroupLayout.PREFERRED_SIZE, 128,
javax.swing.GroupLayout.PREFERRED_SIZE))
```

```
.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
```

```
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
```

```
.addGroup(jPanel1Layout.createSequentialGroup()
    .addComponent(ProductDelPriceTextBox,
javax.swing.GroupLayout.PREFERRED_SIZE, 116,
javax.swing.GroupLayout.PREFERRED_SIZE)
```

```
.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED, javax.swing.GroupLayout.DEFAULT_SIZE,
Short.MAX_VALUE))
```

```
.addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
jPanel1Layout.createSequentialGroup()
    .addGap(8, 8, 8)
    .addComponent(jLabel13)
```

```
.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)))
```

```
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING, false)
```



```

        .addComponent(jLabel6,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
        .addComponent(ProductSalePriceTextBox,
javax.swing.GroupLayout.PREFERRED_SIZE, 116,
javax.swing.GroupLayout.PREFERRED_SIZE)))

    .addGroup(jPanel1Layout.createSequentialGroup())
        .addComponent(ProductNameTextBox,
javax.swing.GroupLayout.PREFERRED_SIZE, 15,
javax.swing.GroupLayout.PREFERRED_SIZE)
        .addGap(0, 0, Short.MAX_VALUE))))
    .addGroup(jPanel1Layout.createSequentialGroup())

    .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING, false)
        .addComponent(PrintButton)
        .addComponent(OrderAddButton,
javax.swing.GroupLayout.Alignment.LEADING,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
        .addComponent(HomeButton,
javax.swing.GroupLayout.Alignment.LEADING,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE))
        .addGap(63, 63, 63)

    .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING)

    .addGroup(jPanel1Layout.createSequentialGroup())
        .addComponent(jLabel12)

    .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)

```

```
.addComponent(DelTotalTextBox,  
javax.swing.GroupLayout.PREFERRED_SIZE, 173,  
javax.swing.GroupLayout.PREFERRED_SIZE)  
.addGap(62, 62, 62)  
.addComponent(jLabel11)  
  
.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.  
UNRELATED)  
.addComponent(TotalTextBox,  
javax.swing.GroupLayout.PREFERRED_SIZE, 173,  
javax.swing.GroupLayout.PREFERRED_SIZE)  
.addGap(255, 255, 255))  
  
.addGroup(jPanel1Layout.createSequentialGroup())  
  
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.Group  
Layout.Alignment.TRAILING, false)  
  
.addGroup(jPanel1Layout.createSequentialGroup())  
.addGap(240, 240, 240)  
  
.addComponent(CustomerNameTextBox1,  
javax.swing.GroupLayout.PREFERRED_SIZE, 16,  
javax.swing.GroupLayout.PREFERRED_SIZE)  
  
.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.  
RELATED, javax.swing.GroupLayout.DEFAULT_SIZE,  
Short.MAX_VALUE)  
.addComponent(ProductCatTextBox,  
javax.swing.GroupLayout.PREFERRED_SIZE, 19,  
javax.swing.GroupLayout.PREFERRED_SIZE))  
.addComponent(jScrollPane4,  
javax.swing.GroupLayout.PREFERRED_SIZE, 322,  
javax.swing.GroupLayout.PREFERRED_SIZE))  
  
.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.  
UNRELATED)
```

```
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
```

```
.addGroup(javax.swing.GroupLayout.Alignment.TRAILING,  
jPanel1Layout.createSequentialGroup()  
    .addComponent(jScrollPane3,  
javax.swing.GroupLayout.PREFERRED_SIZE, 642,  
javax.swing.GroupLayout.PREFERRED_SIZE)  
    .addGap(22, 22, 22))  
    .addComponent(AddButton,  
javax.swing.GroupLayout.Alignment.TRAILING,  
javax.swing.GroupLayout.PREFERRED_SIZE, 90,  
javax.swing.GroupLayout.PREFERRED_SIZE))))))
```

```
.addGroup(javax.swing.GroupLayout.Alignment.LEADING,  
jPanel1Layout.createSequentialGroup()  
    .addComponent(jScrollPane2,  
javax.swing.GroupLayout.PREFERRED_SIZE, 429,  
javax.swing.GroupLayout.PREFERRED_SIZE)  
    .addGap(18, 18, 18)  
    .addComponent(jScrollPane1)))  
    .addGap(10, 10, 10))  
);  
jPanel1Layout.setVerticalGroup(
```

```
jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
```

```
.addGroup(javax.swing.GroupLayout.Alignment.TRAILING,  
jPanel1Layout.createSequentialGroup()  
    .addComponent(jPanel2,  
javax.swing.GroupLayout.PREFERRED_SIZE,  
javax.swing.GroupLayout.DEFAULT_SIZE,  
javax.swing.GroupLayout.PREFERRED_SIZE)
```

```
.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
```

```
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING, false)
    .addComponent(jScrollPane1,
javax.swing.GroupLayout.DEFAULT_SIZE, 162,
Short.MAX_VALUE)
    .addComponent(jScrollPane2,
javax.swing.GroupLayout.PREFERRED_SIZE, 0,
Short.MAX_VALUE))
    .addGap(43, 43, 43)
```

```
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING)
    .addGroup(jPanel1Layout.createSequentialGroup())
```

```
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
    .addComponent(jLabel6)
    .addComponent(jLabel13))
```

```
.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
```

```
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
    .addComponent(ProductSalePriceTextBox,
javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE)
    .addComponent(ProductDelPriceTextBox,
javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE)))
```

```
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
    .addGroup(jPanel1Layout.createSequentialGroup())
```

```
.addComponent(jLabel1)
```

```
.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.  
RELATED)
```

```
.addComponent(DateTextBox,  
javax.swing.GroupLayout.PREFERRED_SIZE,  
javax.swing.GroupLayout.DEFAULT_SIZE,  
javax.swing.GroupLayout.PREFERRED_SIZE))
```

```
.addGroup(javax.swing.GroupLayout.Alignment.TRAILING,  
jPanel1Layout.createSequentialGroup()  
.addComponent(jLabel4)
```

```
.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.  
RELATED)
```

```
.addComponent(ProductQtyTextBox,  
javax.swing.GroupLayout.PREFERRED_SIZE,  
javax.swing.GroupLayout.DEFAULT_SIZE,  
javax.swing.GroupLayout.PREFERRED_SIZE))
```

```
.addGroup(javax.swing.GroupLayout.Alignment.TRAILING,  
jPanel1Layout.createSequentialGroup()  
.addComponent(jLabel10)
```

```
.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.  
RELATED)
```

```
.addComponent(OrdertIdTextBox,  
javax.swing.GroupLayout.PREFERRED_SIZE,  
javax.swing.GroupLayout.DEFAULT_SIZE,  
javax.swing.GroupLayout.PREFERRED_SIZE)))  
.addGroup(jPanel1Layout.createSequentialGroup()  
.addComponent(jLabel5)  
.addGap(26, 26, 26))  
.addGroup(jPanel1Layout.createSequentialGroup()  
.addComponent(jLabel3)  
.addGap(26, 26, 26))  
.addGroup(jPanel1Layout.createSequentialGroup()
```

```
.addComponent(jLabel7)
```

```
.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.  
RELATED)
```

```
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
```

```
    .addComponent(ProductNameTextBox1,  
        javax.swing.GroupLayout.PREFERRED_SIZE,  
        javax.swing.GroupLayout.DEFAULT_SIZE,  
        javax.swing.GroupLayout.PREFERRED_SIZE)
```

```
    .addComponent(ProductCatTextBox1,  
        javax.swing.GroupLayout.PREFERRED_SIZE,  
        javax.swing.GroupLayout.DEFAULT_SIZE,  
        javax.swing.GroupLayout.PREFERRED_SIZE)
```

```
    .addComponent(CustomerNameTextBox,  
        javax.swing.GroupLayout.PREFERRED_SIZE,  
        javax.swing.GroupLayout.DEFAULT_SIZE,  
        javax.swing.GroupLayout.PREFERRED_SIZE))))
```

```
.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.  
RELATED)
```

```
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
```

```
    .addComponent(AddButton,  
        javax.swing.GroupLayout.PREFERRED_SIZE, 39,  
        javax.swing.GroupLayout.PREFERRED_SIZE)  
    .addComponent(ProductNameTextBox,  
        javax.swing.GroupLayout.PREFERRED_SIZE,  
        javax.swing.GroupLayout.DEFAULT_SIZE,  
        javax.swing.GroupLayout.PREFERRED_SIZE)
```

```
    .addComponent(ProductCatTextBox,  
        javax.swing.GroupLayout.PREFERRED_SIZE,  
        javax.swing.GroupLayout.DEFAULT_SIZE,  
        javax.swing.GroupLayout.PREFERRED_SIZE)
```

```

        .addComponent(CustomerNameTextBox1,
javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE))

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addGroup(jPanel1Layout.createSequentialGroup())

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(jPanel1Layout.createSequentialGroup())

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED, 8, Short.MAX_VALUE)
        .addComponent(PrintButton,
javax.swing.GroupLayout.PREFERRED_SIZE, 100,
javax.swing.GroupLayout.PREFERRED_SIZE)
        .addGap(21, 21, 21)
        .addComponent(OrderAddButton,
javax.swing.GroupLayout.PREFERRED_SIZE, 100,
javax.swing.GroupLayout.PREFERRED_SIZE))

.addGroup(jPanel1Layout.createSequentialGroup())
        .addGap(1, 1, 1)

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addComponent(jScrollPane3,
javax.swing.GroupLayout.PREFERRED_SIZE, 221,
javax.swing.GroupLayout.PREFERRED_SIZE)
        .addComponent(jScrollPane4,
javax.swing.GroupLayout.PREFERRED_SIZE, 221,
javax.swing.GroupLayout.PREFERRED_SIZE))
        .addGap(0, 0, Short.MAX_VALUE)))

```

```
.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.  
UNRELATED)
```

```
        .addComponent(HomeButton,  
javax.swing.GroupLayout.PREFERRED_SIZE, 39,  
javax.swing.GroupLayout.PREFERRED_SIZE)  
        .addContainerGap(23, Short.MAX_VALUE))  
    .addGroup(jPanel1Layout.createSequentialGroup())
```

```
.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.  
RELATED, javax.swing.GroupLayout.DEFAULT_SIZE,  
Short.MAX_VALUE)
```

```
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.  
Alignment.BASELINE)
```

```
        .addComponent(DelTotalTextBox,  
javax.swing.GroupLayout.PREFERRED_SIZE,  
javax.swing.GroupLayout.DEFAULT_SIZE,  
javax.swing.GroupLayout.PREFERRED_SIZE)  
        .addComponent(jLabel12)  
        .addComponent(TotalTextBox,  
javax.swing.GroupLayout.PREFERRED_SIZE,  
javax.swing.GroupLayout.DEFAULT_SIZE,  
javax.swing.GroupLayout.PREFERRED_SIZE)  
        .addComponent(jLabel11))  
    .addContainerGap()))
```

```
);
```

```
    javax.swing.GroupLayout layout = new  
javax.swing.GroupLayout(getContentPane());  
    getContentPane().setLayout(layout);  
    layout.setHorizontalGroup(
```

```
layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LE  
ADING)
```

```
        .addGroup(layout.createSequentialGroup())
```



```

        .addComponent(jPanel1,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
        .addContainerGap())
    );
    layout.setVerticalGroup(

layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addComponent(jPanel1,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
    );

    pack();
    setLocationRelativeTo(null);
} // </editor-fold>

```

```

public final void IdFill() {
    try {
        Con =
DriverManager.getConnection("jdbc:mysql://localhost:3306/Invertor
yDB", "kangaro", "1234");
        St = Con.createStatement();
        Rs = St.executeQuery("SELECT MAX(Order_id) as
Order_id FROM inventorydb.`order`");
        if (Rs.next()){
            int i = Rs.getInt("Order_id");
            int id = i+1;
            OrdertIdTextBox.setText(String.valueOf(id));

        }else{
            OrdertIdTextBox.setText("1");
        }
        Con.close();
    }
}

```

```

        ProductQtyTextBox.requestFocusInWindow();
    } catch (SQLException e) {
        e.printStackTrace();
    }
}

public final void ProductTableFill() {
    try {
        Con =
DriverManager.getConnection("jdbc:mysql://localhost:3306/Invertor
yDB", "kangaro", "1234");
        St = Con.createStatement();
        Rs = St.executeQuery("Select PRODUCTTBL.Product_id,
PRODUCTTBL.Product_name ,PRODUCTTBL.Product_qty
,PRODUCTTBL.Product_del_price
,PRODUCTTBL.Product_sale_price,Category.Category_name
,Category.Category_id \n" +
        "from PRODUCTTBL\n" +
        "JOIN Category on\n" +
        "Category.Category_id = PRODUCTTBL.Product_category
");

ProductTable.setModel(DbUtils.resultSetToTableModel(Rs));
        ProductTable.getColumnModel().getColumn( 0
).setHeaderValue( "ID" );
        ProductTable.getColumnModel().getColumn( 1
).setHeaderValue( "ИМЕ" );
        ProductTable.getColumnModel().getColumn( 2
).setHeaderValue( "КОЛИЧЕСТВО" );
        ProductTable.getColumnModel().getColumn( 3
).setHeaderValue( "ДОСТ. ЦЕНА" );
        ProductTable.getColumnModel().getColumn( 4
).setHeaderValue( "ПРОД. ЦЕНА" );
        ProductTable.getColumnModel().getColumn( 5
).setHeaderValue( "КАТЕГОРИЯ" );
        ProductTable.getColumnModel().getColumn( 6
).setHeaderValue( "КАТ. ID" );

```

```

        Con.close();
    } catch (SQLException e) {
        e.printStackTrace();
    }
}

public final void CustomerTableFill() {
    try {
        Con =
DriverManager.getConnection("jdbc:mysql://localhost:3306/Invertor
yDB", "kangaro", "1234");
        St = Con.createStatement();
        Rs = St.executeQuery("Select * from Customer");

CustomerTable.setModel(DbUtils.resultSetToTableModel(Rs));
        CustomerTable.getColumnModel().getColumn( 0
).setHeaderValue( "ID" );
        CustomerTable.getColumnModel().getColumn( 1
).setHeaderValue( "ИМЕ" );
        CustomerTable.getColumnModel().getColumn( 2
).setHeaderValue( "ТЕЛЕФОН" );
        Con.close();
    } catch (SQLException e) {
        e.printStackTrace();
    }
}

private void GetToday(){
    DateTimeFormatter dtf =
DateTimeFormatter.ofPattern("dd/MM/yyyy");
    LocalDateTime now = LocalDateTime.now();
    DateTextBox.setText(dtf.format(now));
}

public void ClearTextBox() {
    //CustomerNameTextBox.setText("");

```

```

        ProductNameTextBox.setText("");
        ProductCatTextBox.setText("");
        ProductNameTextBox1.setText("");
        ProductCatTextBox1.setText("");
        ProductQtyTextBox.setText("");
        ProductSalePriceTextBox.setText("");
        ProductDelPriceTextBox.setText("");
    }

    public void updateQty() {
        int newQty = oldQty -
Integer.valueOf(ProductQtyTextBox.getText());
        if(newQty<1)
        {
            JOptionPane.showMessageDialog(this, "Изчерпана
наличност");
        }
        else{
            try{
                Con =
DriverManager.getConnection("jdbc:mysql://localhost:3306/Invertor
yDB", "kangaro", "1234");
                String UpdateQwery = "Update
inventorydb.`PRODUCTTBL` set Product_qty= "+newQty+" "+"
where Product_id="+productId;
                Statement Add = Con.createStatement();
                Add.executeUpdate(UpdateQwery);
                Con.close();
                ProductTableFill();
            }catch (SQLException e) {
                e.printStackTrace();
            }
        }
    }
}

```

```

        private void jLabel8MouseClicked(java.awt.event.MouseEvent
        evt) {
            System.exit(0);
        }

        int i=1;
        double saleTot, saleTotal, delTot;
        private void
        AddButtonMouseClicked(java.awt.event.MouseEvent evt) {
            if(flag==0 || OrdertIdTextBox.getText().isEmpty()
            ||CustomerNameTextBox.getText().isEmpty() ||
            ProductQtyTextBox.getText().isEmpty())
            {
                JOptionPane.showMessageDialog(this, "Моля
                попълнете коректно");
            }
            else{
                saleTot =
                Integer.valueOf(ProductQtyTextBox.getText())*Double.valueOf(Pro
                ductSalePriceTextBox.getText());
                delTot =
                Integer.valueOf(ProductQtyTextBox.getText())*Double.valueOf(Pro
                ductDelPriceTextBox.getText());
                Vector v = new Vector();
                v.add(i-1+Integer.valueOf(OrdertIdTextBox.getText()));
                v.add(DateTextBox.getText());
                v.add(CustomerNameTextBox.getText());
                v.add(ProductNameTextBox1.getText());
                v.add(ProductCatTextBox1.getText());
                v.add(ProductQtyTextBox.getText());
                v.add(ProductDelPriceTextBox.getText());
                v.add(ProductSalePriceTextBox.getText());
                v.add(ProductNameTextBox.getText());
                v.add(ProductCatTextBox.getText());
                v.add(CustomerNameTextBox1.getText());
                v.add(saleTot);
            }
        }
    }
}

```

```

        DefaultTableModel model =
(DefaultTableModel)OrderTable.getModel();
        model.addRow(v);
        saleTotal=saleTot+saleTotal;
        delTotal=delTot+delTotal;
        String s=Double.toString(saleTotal);
        String d=Double.toString(delTotal);
        TotalTextBox.setText(s);
        DelTotalTextBox.setText(d);
        updateQty();

        if (i==1)
        {
            InvoiceTextArea.setAlignmentX(TOP_ALIGNMENT);
            InvoiceTextArea.setText("      ФАКТУРА: " +
OrdertIdTextBox.getText()+" Дата: "+
DateTextBox.getText()+"\nКлиент:
"+CustomerNameTextBox.getText()+"\n\n"+"Ном.   Продукт
Категория   Кол.   Цена   Сума\n"+i+"      "+
            ProductNameTextBox1.getText()+"
"+ProductCatTextBox1.getText()+"
"+ProductQtyTextBox.getText()+"
"+ProductSalePriceTextBox.getText()+"      "+saleTot+"\n");
        }else
        {
            InvoiceTextArea.setText(InvoiceTextArea.getText()+i+"
"+ProductNameTextBox1.getText()+"
"+ProductCatTextBox1.getText()+"
"+ProductQtyTextBox.getText()+"
"+ProductSalePriceTextBox.getText()+"      "+saleTot+"\n");
        }
        i++;
        ClearTextBox();
    }
}

```

```
private void
OrderAddButtonActionPerformed(java.awt.event.ActionEvent evt) {

}
```

```
private void
PrintButtonActionPerformed(java.awt.event.ActionEvent evt) {

}
```

```
private void
HomeButtonMouseClicked(java.awt.event.MouseEvent evt) {

    this.dispose();
}
int flag = 0, oldQty, productId, catId;
double delTotal;
private void
ProductTableMouseClicked(java.awt.event.MouseEvent evt) {
    DefaultTableModel model =
(DefaultTableModel)ProductTable.getModel();
    int MyIndex = ProductTable.getSelectedRow();
    oldQty = Integer.valueOf(model.getValueAt(MyIndex,
2).toString());
    if(oldQty<1){
        JOptionPane.showMessageDialog(this, "Изчерпана
наличност");
    }
    else
    {
        productId = Integer.valueOf(model.getValueAt(MyIndex,
0).toString());
        ProductNameTextBox.setText(String.valueOf(productId));
        ProductNameTextBox1.setText(model.getValueAt(MyIndex,
1).toString());
        ProductDelPriceTextBox.setText(model.getValueAt(MyIndex,
3).toString());
    }
}
```

```

        ProductSalePriceTextBox.setText(model.getValueAt(MyIndex,
4).toString());
        ProductCatTextBox1.setText(model.getValueAt(MyIndex,
5).toString());
        catId = Integer.valueOf(model.getValueAt(MyIndex,
6).toString());
        ProductCatTextBox.setText(String.valueOf(catId));
        flag=1;
        ProductQtyTextBox.requestFocusInWindow();
    }
}

```

```

private void
CustomerTableMouseClicked(java.awt.event.MouseEvent evt) {
    DefaultTableModel model =
(DefaultTableModel)CustomerTable.getModel();
    int MyIndex = CustomerTable.getSelectedRow();
    CustomerNameTextBox1.setText(model.getValueAt(MyIndex,
0).toString());
    CustomerNameTextBox.setText(model.getValueAt(MyIndex,
1).toString());
    ProductQtyTextBox.requestFocusInWindow();
    //CustomerPhoneTextBox.setText(model.getValueAt(MyIndex,
2).toString());
}

```

```

private void
OrderTableMouseClicked(java.awt.event.MouseEvent evt) {
    // TODO add your handling code here:
}

```

```

private void
OrderAddButtonMouseClicked(java.awt.event.MouseEvent evt) {
    try {
        Con =
DriverManager.getConnection("jdbc:mysql://localhost:3306/Invertor
yDB", "kangaro", "1234");

```



```
        PreparedStatement add = Con.prepareStatement("INSERT  
into inventorydb.`order` VALUES(?,?,?,?,?,?)");  
        int rows=OrderTable.getRowCount();
```

```
for(int row = 0; row<rows; row++)  
{  
    Integer Id = (Integer)OrderTable.getValueAt(row, 0);  
    String date = (String)OrderTable.getValueAt(row, 1);  
    String salePrice = (String)OrderTable.getValueAt(row, 7);  
    String ProductId = (String)OrderTable.getValueAt(row, 8);  
    String CustomerId = (String)OrderTable.getValueAt(row,  
10);
```

```
        add.setInt(1, Id);  
        add.setString(2, (date));  
        add.setString(3, CustomerId);  
        add.setString(4, ProductId);  
        add.setString(5, delPrice);  
        add.setString(6, salePrice);  
        add.executeUpdate();  
  
    }
```

```
        JOptionPane.showMessageDialog(this, "Фактурата е  
записана");  
        Con.close();  
        IdFill();  
        InvoiceTextArea.setText("");  
        CustomerNameTextBox.setText("");  
        DelTotalTextBox.setText("");  
        TotalTextBox.setText("");
```

```
((DefaultTableModel)OrderTable.getModel()).setNumRows(0);  
        i=1;  
        ProductQtyTextBox.requestFocusInWindow();  
    } catch (SQLException e) {  
        e.printStackTrace();  
    }
```

```

    }

    private void
PrintButtonMouseClicked(java.awt.event.MouseEvent evt) {

        try {
            if(InvoiceTextArea.getText().isEmpty())
            {
                JOptionPane.showMessageDialog(this, "Няма фактура
за печат");
            }else
            {
                InvoiceTextArea.print();
            }
        } catch (PrinterException ex) {

            Logger.getLogger(Order.class.getName()).log(Level.SEVERE, null,
ex);
        }

    }

    /**
     * @param args the command line arguments
     */
    public static void main(String args[]) {

        java.awt.EventQueue.invokeLater(new Runnable() {
            public void run() {
                new Order().setVisible(true);
            }
        });
    }

    // Variables declaration - do not modify
    private javax.swing.JButton AddButton;
    private javax.swing.JTextField CustomerNameTextBox;

```

```
private javax.swing.JTextField CustomerNameTextBox1;
private javax.swing.JTable CustomerTable;
private javax.swing.JTextField DateTextBox;
private javax.swing.JTextField DelTotalTextBox;
private javax.swing.JButton HomeButton;
private javax.swing.JTextArea InvoiceTextArea;
private javax.swing.JButton OrderAddButton;
private javax.swing.JTable OrderTable;
private javax.swing.JTextField OrderIdTextBox;
private javax.swing.JButton PrintButton;
private javax.swing.JTextField ProductCatTextBox;
private javax.swing.JTextField ProductCatTextBox1;
private javax.swing.JTextField ProductDelPriceTextBox;
private javax.swing.JTextField ProductNameTextBox;
private javax.swing.JTextField ProductNameTextBox1;
private javax.swing.JTextField ProductQtyTextBox;
private javax.swing.JTextField ProductSalePriceTextBox;
private javax.swing.JTable ProductTable;
private javax.swing.JTextField TotalTextBox;
private javax.swing.JLabel jLabel1;
private javax.swing.JLabel jLabel10;
private javax.swing.JLabel jLabel11;
private javax.swing.JLabel jLabel12;
private javax.swing.JLabel jLabel13;
private javax.swing.JLabel jLabel2;
private javax.swing.JLabel jLabel3;
private javax.swing.JLabel jLabel4;
private javax.swing.JLabel jLabel5;
private javax.swing.JLabel jLabel6;
private javax.swing.JLabel jLabel7;
private javax.swing.JLabel jLabel8;
private javax.swing.JLabel jLabel9;
private javax.swing.JPanel jPanel1;
private javax.swing.JPanel jPanel2;
private javax.swing.JScrollPane jScrollPane1;
private javax.swing.JScrollPane jScrollPane2;
private javax.swing.JScrollPane jScrollPane3;
```

```
private javax.swing.JScrollPane jScrollPane4;  
// End of variables declaration  
}
```

```
//PROVIDER
```

```
package com.mycompany.inventory;
```

```
import java.sql.Connection;  
import java.sql.DriverManager;  
import java.sql.PreparedStatement;  
import java.sql.ResultSet;  
import java.sql.SQLException;  
import java.sql.Statement;  
import javax.swing.JOptionPane;  
import javax.swing.table.DefaultTableModel;  
import net.proteanit.sql.DbUtils;
```

```
public class Provider extends javax.swing.JFrame {
```

```
    public Provider() {  
        initComponents();  
        ProviderTableFill();  
        IdFill();  
    }
```

```
    Connection Con = null;  
    Statement St = null;  
    ResultSet Rs = null;
```

```
    @SuppressWarnings("unchecked")  
    // <editor-fold defaultstate="collapsed" desc="Generated Code">  
    private void initComponents() {
```

```
jPanel1 = new javax.swing.JPanel();
jPanel2 = new javax.swing.JPanel();
jPanel3 = new javax.swing.JPanel();
jLabel2 = new javax.swing.JLabel();
jLabel5 = new javax.swing.JLabel();
jLabel8 = new javax.swing.JLabel();
jLabel1 = new javax.swing.JLabel();
ProviderIdTextBox = new javax.swing.JTextField();
ProviderNameTextBox = new javax.swing.JTextField();
jLabel3 = new javax.swing.JLabel();
ProviderPhoneTextBox = new javax.swing.JTextField();
jLabel4 = new javax.swing.JLabel();
ProviderAddButton = new javax.swing.JButton();
ProviderDeleteButton = new javax.swing.JButton();
ProviderUpdateButton = new javax.swing.JButton();
ProviderrHomeButton = new javax.swing.JButton();
jScrollPane1 = new javax.swing.JScrollPane();
ProviderTable = new javax.swing.JTable();
NewButton = new javax.swing.JButton();
```

```
setDefaultCloseOperation(javax.swing.WindowConstants.EXIT_O
N_CLOSE);
```

```
setUndecorated(true);
setResizable(false);
```

```
jPanel2.setBackground(new java.awt.Color(102, 102, 102));
jPanel2.setFocusable(false);
```

```
jPanel3.setBackground(new java.awt.Color(0, 153, 153));
```

```
jLabel2.setFont(new java.awt.Font("Tahoma", 1, 18)); //
NOI18N
```

```
jLabel2.setForeground(new java.awt.Color(255, 255, 255));
jLabel2.setText("СОФТУЕР СКЛАД");
```

```

        jLabel5.setFont(new java.awt.Font("Tahoma", 1, 18)); //
        NOI18N
        jLabel5.setForeground(new java.awt.Color(255, 255, 255));
        jLabel5.setText("ДОСТАВЧИЦИ");

        jLabel8.setFont(new java.awt.Font("Tahoma", 1, 36)); //
        NOI18N
        jLabel8.setForeground(new java.awt.Color(255, 255, 255));
        jLabel8.setText(" X");

jLabel8.setBorder(javax.swing.BorderFactory.createLineBorder(ne
w java.awt.Color(0, 0, 0)));
        jLabel8.addMouseListener(new
java.awt.event.MouseAdapter() {
            public void mouseClicked(java.awt.event.MouseEvent evt)
{
                jLabel8MouseClicked(evt);
            }
        });

        javax.swing.GroupLayout jPanel3Layout = new
javax.swing.GroupLayout(jPanel3);
        jPanel3.setLayout(jPanel3Layout);
        jPanel3Layout.setHorizontalGroup(

jPanel3Layout.createParallelGroup(javax.swing.GroupLayout.Align
ment.LEADING)
            .addGroup(jPanel3Layout.createSequentialGroup()
                .addGroup(jPanel3Layout.createParallelGroup(
javax.swing.GroupLayout.Alignment.LEADING)
                    .addGroup(
                        javax.swing.GroupLayout.Alignment.
LEADING,
                        jPanel3Layout.createSequentialGroup()
                            .addGroup(jPanel3Layout.createSequentialGroup()
                                .addGroup(jPanel3Layout.createSequentialGroup()
                                    .addGap(317, 317, 317)
                                    .addComponent(jLabel2)
                                )
                            .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.
RELATED, 299, Short.MAX_VALUE))
                    )
                )
            )
        )
    
```

```

.addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
jPanel3Layout.createSequentialGroup())

.addContainerGap(javax.swing.GroupLayout.DEFAULT_SIZE,
Short.MAX_VALUE)
        .addComponent(jLabel5)
        .addGap(307, 307, 307)))
    .addComponent(jLabel8,
javax.swing.GroupLayout.PREFERRED_SIZE, 48,
javax.swing.GroupLayout.PREFERRED_SIZE)
        .addContainerGap())
    );
jPanel3Layout.setVerticalGroup(

jPanel3Layout.createParallelGroup(javax.swing.GroupLayout.Align
ment.LEADING)
        .addGroup(jPanel3Layout.createSequentialGroup())
        .addContainerGap())

.addGroup(jPanel3Layout.createParallelGroup(javax.swing.Group
Layout.Alignment.LEADING)
        .addComponent(jLabel8)
        .addGroup(jPanel3Layout.createSequentialGroup())
        .addComponent(jLabel2)

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.
RELATED)
        .addComponent(jLabel5)))

.addContainerGap(javax.swing.GroupLayout.DEFAULT_SIZE,
Short.MAX_VALUE))
    );

jLabel1.setFont(new java.awt.Font("Tahoma", 1, 18)); //
NOI18N
jLabel1.setForeground(new java.awt.Color(255, 255, 255));

```

```

jLabel1.setText("ID");

ProviderIdTextBox.setFont(new java.awt.Font("Tahoma", 1,
11)); // NOI18N

ProviderNameTextBox.setFont(new java.awt.Font("Tahoma",
1, 11)); // NOI18N

jLabel3.setFont(new java.awt.Font("Tahoma", 1, 18)); //
NOI18N
jLabel3.setForeground(new java.awt.Color(255, 255, 255));
jLabel3.setText("ИМЕ");

ProviderPhoneTextBox.setFont(new java.awt.Font("Tahoma",
1, 11)); // NOI18N

jLabel4.setFont(new java.awt.Font("Tahoma", 1, 18)); //
NOI18N
jLabel4.setForeground(new java.awt.Color(255, 255, 255));
jLabel4.setText("ТЕЛЕФОН");

ProviderAddButton.setBackground(new java.awt.Color(0,
102, 102));
ProviderAddButton.setFont(new java.awt.Font("Tahoma", 1,
11)); // NOI18N
ProviderAddButton.setForeground(new java.awt.Color(255,
255, 255));
ProviderAddButton.setText("ДОБАВИ");
ProviderAddButton.setToolTipText("");
ProviderAddButton.addMouseListener(new
java.awt.event.MouseAdapter() {
    public void mouseClicked(java.awt.event.MouseEvent evt)
    {
        ProviderAddButtonMouseClicked(evt);
    }
});

```



```

        ProviderAddButton.addKeyListener(new
java.awt.event.KeyAdapter() {
    public void keyPressed(java.awt.event.KeyEvent evt) {
        ProviderAddButtonKeyPressed(evt);
    }
});

        ProviderDeleteButton.setBackground(new java.awt.Color(0,
102, 102));
        ProviderDeleteButton.setFont(new java.awt.Font("Tahoma",
1, 11)); // NOI18N
        ProviderDeleteButton.setForeground(new java.awt.Color(255,
255, 255));
        ProviderDeleteButton.setText("ИЗТРИЙ");
        ProviderDeleteButton.setToolTipText("");
        ProviderDeleteButton.addMouseListener(new
java.awt.event.MouseAdapter() {
    public void mouseClicked(java.awt.event.MouseEvent evt)
{
        ProviderDeleteButtonMouseClicked(evt);
    }
});

        ProviderUpdateButton.setBackground(new java.awt.Color(0,
102, 102));
        ProviderUpdateButton.setFont(new java.awt.Font("Tahoma",
1, 11)); // NOI18N
        ProviderUpdateButton.setForeground(new
java.awt.Color(255, 255, 255));
        ProviderUpdateButton.setText("ПОМЕНИ");
        ProviderUpdateButton.setToolTipText("");
        ProviderUpdateButton.addMouseListener(new
java.awt.event.MouseAdapter() {
    public void mouseClicked(java.awt.event.MouseEvent evt)
{
        ProviderUpdateButtonMouseClicked(evt);
    }
}

```

```

});

    ProviderrHomeButton.setBackground(new java.awt.Color(0,
102, 102));
    ProviderrHomeButton.setFont(new java.awt.Font("Tahoma",
1, 11)); // NOI18N
    ProviderrHomeButton.setForeground(new
java.awt.Color(255, 255, 255));
    ProviderrHomeButton.setText("ОБПАТНО");
    ProviderrHomeButton.setToolTipText("");
    ProviderrHomeButton.addMouseListener(new
java.awt.event.MouseAdapter() {
        public void mouseClicked(java.awt.event.MouseEvent evt)
        {
            ProviderrHomeButtonMouseClicked(evt);
        }
    });

    ProviderTable.setBackground(new java.awt.Color(0, 153,
153));
    ProviderTable.setModel(new
javax.swing.table.DefaultTableModel(
        new Object [][] {

            },
        new String [] {
            "ID", "ИМЕ", "ТЕЛЕФОН"
        }
    ));
    ProviderTable.addMouseListener(new
java.awt.event.MouseAdapter() {
        public void mouseClicked(java.awt.event.MouseEvent evt)
        {
            ProviderTableMouseClicked(evt);
        }
    });
    JScrollPane1.setViewportViewView(ProviderTable);

```

```

        NewButton.setBackground(new java.awt.Color(0, 102, 102));
        NewButton.setFont(new java.awt.Font("Tahoma", 1, 11)); //
NOI18N
        NewButton.setForeground(new java.awt.Color(255, 255,
255));
        NewButton.setText("HOB");
        NewButton.setToolTipText("");
        NewButton.addMouseListener(new
java.awt.event.MouseAdapter() {
            public void mouseClicked(java.awt.event.MouseEvent evt)
{
                NewButtonMouseClicked(evt);
            }
        });

        javax.swing.GroupLayout jPanel2Layout = new
javax.swing.GroupLayout(jPanel2);
        jPanel2.setLayout(jPanel2Layout);
        jPanel2Layout.setHorizontalGroup(

jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Align
ment.LEADING)
            .addComponent(jPanel3,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
            .addGroup(jPanel2Layout.createSequentialGroup()
                .addGroup(jPanel2Layout.createParallelGroup(javax.s
wing.Group
Layout.Alignment.LEADING)
                    .addGroup(jPanel2Layout.createSequentialGroup()
                        .addComponent(jLabel4)
                        .addComponent(jLabel1)

```

```

        .addComponent(jLabel3))

    .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.
    UNRELATED)

    .addGroup(jPanel2Layout.createParallelGroup(javax.swing.Group
    Layout.Alignment.TRAILING)
        .addComponent(ProviderNameTextBox,
        javax.swing.GroupLayout.PREFERRED_SIZE, 173,
        javax.swing.GroupLayout.PREFERRED_SIZE)

    .addGroup(jPanel2Layout.createParallelGroup(javax.swing.Group
    Layout.Alignment.LEADING)
        .addComponent(ProviderIdTextBox,
        javax.swing.GroupLayout.PREFERRED_SIZE, 173,
        javax.swing.GroupLayout.PREFERRED_SIZE)
        .addComponent(ProviderPhoneTextBox,
        javax.swing.GroupLayout.PREFERRED_SIZE, 173,
        javax.swing.GroupLayout.PREFERRED_SIZE))))
    .addGroup(jPanel2Layout.createSequentialGroup())
        .addGap(23, 23, 23)

    .addGroup(jPanel2Layout.createParallelGroup(javax.swing.Group
    Layout.Alignment.TRAILING)
        .addComponent(ProviderrHomeButton,
        javax.swing.GroupLayout.PREFERRED_SIZE, 90,
        javax.swing.GroupLayout.PREFERRED_SIZE)

    .addGroup(jPanel2Layout.createSequentialGroup())
        .addComponent(ProviderAddButton,
        javax.swing.GroupLayout.PREFERRED_SIZE, 90,
        javax.swing.GroupLayout.PREFERRED_SIZE)
        .addGap(18, 18, 18)
        .addComponent(ProviderUpdateButton,
        javax.swing.GroupLayout.PREFERRED_SIZE, 90,
        javax.swing.GroupLayout.PREFERRED_SIZE))

```

```

        .addComponent(NewButton,
javax.swing.GroupLayout.PREFERRED_SIZE, 90,
javax.swing.GroupLayout.PREFERRED_SIZE))
        .addGap(18, 18, 18)
        .addComponent(ProviderDeleteButton,
javax.swing.GroupLayout.PREFERRED_SIZE, 90,
javax.swing.GroupLayout.PREFERRED_SIZE)))
        .addGap(43, 43, 43)
        .addComponent(jScrollPane1,
javax.swing.GroupLayout.PREFERRED_SIZE, 440,
javax.swing.GroupLayout.PREFERRED_SIZE))
    );
    JPanel2Layout.setVerticalGroup(

jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Align
ment.LEADING)
        .addGroup(jPanel2Layout.createSequentialGroup())
        .addComponent(jPanel3,
javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE)
        .addGap(22, 22, 22)

.addGroup(jPanel2Layout.createParallelGroup(javax.swing.Group
Layout.Alignment.LEADING)
        .addGroup(jPanel2Layout.createSequentialGroup())

.addGroup(jPanel2Layout.createParallelGroup(javax.swing.Group
Layout.Alignment.LEADING)
        .addComponent(ProviderIdTextBox,
javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE)
        .addComponent(jLabel1))
        .addGap(16, 16, 16)

```

```
.addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
    .addComponent(ProviderNameTextBox,
        javax.swing.GroupLayout.PREFERRED_SIZE,
        javax.swing.GroupLayout.DEFAULT_SIZE,
        javax.swing.GroupLayout.PREFERRED_SIZE)
    .addComponent(jLabel3))
.addGap(13, 13, 13)
```

```
.addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
    .addComponent(ProviderPhoneTextBox,
        javax.swing.GroupLayout.PREFERRED_SIZE,
        javax.swing.GroupLayout.DEFAULT_SIZE,
        javax.swing.GroupLayout.PREFERRED_SIZE)
    .addComponent(jLabel4))
.addGap(73, 73, 73)
.addComponent(NewButton,
    javax.swing.GroupLayout.PREFERRED_SIZE, 39,
    javax.swing.GroupLayout.PREFERRED_SIZE)
```

```
.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)
```

```
.addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
    .addComponent(ProviderAddButton,
        javax.swing.GroupLayout.PREFERRED_SIZE, 39,
        javax.swing.GroupLayout.PREFERRED_SIZE)
    .addComponent(ProviderUpdateButton,
        javax.swing.GroupLayout.PREFERRED_SIZE, 39,
        javax.swing.GroupLayout.PREFERRED_SIZE)
    .addComponent(ProviderDeleteButton,
        javax.swing.GroupLayout.PREFERRED_SIZE, 39,
        javax.swing.GroupLayout.PREFERRED_SIZE))
```

```
.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)
```

```
        .addComponent(ProviderrHomeButton,  
javax.swing.GroupLayout.PREFERRED_SIZE, 39,  
javax.swing.GroupLayout.PREFERRED_SIZE))  
        .addComponent(jScrollPane1,  
javax.swing.GroupLayout.PREFERRED_SIZE, 275,  
javax.swing.GroupLayout.PREFERRED_SIZE))  
        .addContainerGap(40, Short.MAX_VALUE))  
    );
```

```
        javax.swing.GroupLayout jPanel1Layout = new  
javax.swing.GroupLayout(jPanel1);  
        jPanel1.setLayout(jPanel1Layout);  
        jPanel1Layout.setHorizontalGroup(
```

```
jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
```

```
        .addComponent(jPanel2,  
javax.swing.GroupLayout.DEFAULT_SIZE,  
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)  
    );  
        jPanel1Layout.setVerticalGroup(
```

```
jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
```

```
        .addGroup(jPanel1Layout.createSequentialGroup()  
        .addComponent(jPanel2,  
javax.swing.GroupLayout.PREFERRED_SIZE,  
javax.swing.GroupLayout.DEFAULT_SIZE,  
javax.swing.GroupLayout.PREFERRED_SIZE)  
        .addGap(0, 0, Short.MAX_VALUE))  
    );
```

```
        javax.swing.GroupLayout layout = new  
javax.swing.GroupLayout(getContentPane());
```

```
getContentPane().setLayout(layout);  
layout.setHorizontalGroup(
```

```
layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)  
    .addComponent(jPanel1,
```

```
javax.swing.GroupLayout.DEFAULT_SIZE,  
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)  
    );
```

```
layout.setVerticalGroup(
```

```
layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)  
    .addComponent(jPanel1,
```

```
javax.swing.GroupLayout.DEFAULT_SIZE,  
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)  
    );
```

```
pack();
```

```
setLocationRelativeTo(null);
```

```
// </editor-fold>
```

```
public void IdFill() {
```

```
    try {
```

```
        Con =
```

```
DriverManager.getConnection("jdbc:mysql://localhost:3306/InventoryDB", "kangaro", "1234");
```

```
        St = Con.createStatement();
```

```
        Rs = St.executeQuery("SELECT MAX(Provider_id) as  
Provider_id FROM inventorydb.`Provider`");
```

```
        if (Rs.next()){
```

```
            int i = Rs.getInt("Provider_id");
```

```
            int id = i+1;
```

```
            ProviderIdTextBox.setText(String.valueOf(id));
```

```
        }else{
```

```
            ProviderIdTextBox.setText("1");
```



```

        }
        Con.close();
        ProviderNameTextBox.requestFocusInWindow();
    } catch (SQLException e) {
        e.printStackTrace();
    }
}

public void Clear() {
    ProviderIdTextBox.setText("");
    ProviderNameTextBox.setText("");
    ProviderPhoneTextBox.setText("");
}

public void ProviderTableFill() {
    try {
        Con =
DriverManager.getConnection("jdbc:mysql://localhost:3306/Invertor
yDB", "kangaro", "1234");
        St = Con.createStatement();
        Rs = St.executeQuery("Select * from Provider");

ProviderTable.setModel(DbUtils.resultSetToTableModel(Rs));
        ProviderTable.getColumnModel().getColumn( 0
).setHeaderValue( "ID" );
        ProviderTable.getColumnModel().getColumn( 1
).setHeaderValue( "ИМЕ" );
        ProviderTable.getColumnModel().getColumn( 2
).setHeaderValue( "ТЕЛЕФОН" );
        Con.close();
    } catch (SQLException e) {
        e.printStackTrace();
    }
}

private void jLabel8MouseClicked(java.awt.event.MouseEvent
evt) {

```

```

        System.exit(0);
    }

    private void
    ProviderAddButtonMouseClicked(java.awt.event.MouseEvent evt)
    {
        try {
            Con =
            DriverManager.getConnection("jdbc:mysql://localhost:3306/Invertor
            yDB", "kangaro", "1234");
            PreparedStatement add = Con.prepareStatement("insert
            into Provider VALUES(?,?,?)");
            add.setInt(1, Integer.valueOf(ProviderIdTextBox.getText()));
            add.setString(2, (ProviderNameTextBox.getText()));
            add.setString(3, (ProviderPhoneTextBox.getText()));

            int row = add.executeUpdate();
            JOptionPane.showMessageDialog(this, "Доставчика е
            добавен");
            Con.close();
            ProviderTableFill();
            Clear();
            IdFill();
        } catch (SQLException e) {
            e.printStackTrace();
        }
    }

    private void
    ProviderAddButtonKeyPressed(java.awt.event.KeyEvent evt) {

    }

    private void
    ProviderDeleteButtonMouseClicked(java.awt.event.MouseEvent
    evt) {
        if (ProviderIdTextBox.getText().isEmpty()) {

```

```

        JOptionPane.showMessageDialog(this, "Няма избран
доставчик за изтриване");
    } else {
        try {
            Con =
DriverManager.getConnection("jdbc:mysql://localhost:3306/Inventor
yDB", "kangaro", "1234");
            String Id = ProviderIdTextBox.getText();
            String Qwery = "Delete from inventorydb.Provider where
Provider_id=" + Id;
            Statement Add = Con.createStatement();
            Add.executeUpdate(Qwery);
            Con.close();
            ProviderTableFill();
            Clear();
            IdFill();
            JOptionPane.showMessageDialog(this, "Доставчика е
изтрит");
        } catch (SQLException e) {
            e.printStackTrace();
        }
    }
}

```

```

private void
ProviderUpdateButtonMouseClicked(java.awt.event.MouseEvent
evt) {
    if
(ProviderIdTextBox.getText().isEmpty()||ProviderNameTextBox.get
Text().isEmpty()){
        JOptionPane.showMessageDialog(this, "Липсва пълна
информация за доставчик");
    }
    else{
        try{

```

```

        Con =
DriverManager.getConnection("jdbc:mysql://localhost:3306/Invertor
yDB", "kangaro", "1234");
        String UpdateQwery = "Update inventorydb.Provider set
Provider_name='"+ProviderNameTextBox.getText()+"','"+Provider_
phone='"+ProviderPhoneTextBox.getText()+"','"+where
Provider_id='"+ProviderIdTextBox.getText();
        Statement Add = Con.createStatement();
        Add.executeUpdate(UpdateQwery);
        Con.close();
        ProviderTableFill();
        Clear();
        IdFill();
        JOptionPane.showMessageDialog(this, "Доставчика е
променен");
    }catch (SQLException e) {
        e.printStackTrace();
    }
}
}
}

```

```

private void
ProviderrHomeButtonMouseClicked(java.awt.event.MouseEvent
evt) {

    this.dispose();
}

```

```

private void
ProviderTableMouseClicked(java.awt.event.MouseEvent evt) {
    DefaultTableModel model =
(DefaultTableModel)ProviderTable.getModel();
    int MyIndex = ProviderTable.getSelectedRow();
    ProviderIdTextBox.setText(model.getValueAt(MyIndex,
0).toString());
    ProviderNameTextBox.setText(model.getValueAt(MyIndex,
1).toString());
}

```

```
        ProviderPhoneTextBox.setText(model.getValueAt(MyIndex,
2).toString());
    }
```

```
    private void
NewButtonMouseClicked(java.awt.event.MouseEvent evt) {
```

```
        Clear();
        IdFill();
    }
```

```
/**
 * @param args the command line arguments
 */
public static void main(String args[]) {
```

```
    java.awt.EventQueue.invokeLater(new Runnable() {
        public void run() {
            new Provider().setVisible(true);
        }
    });
}
```

```
// Variables declaration - do not modify
private javax.swing.JButton NewButton;
private javax.swing.JButton ProviderAddButton;
private javax.swing.JButton ProviderDeleteButton;
private javax.swing.JTextField ProviderIdTextBox;
private javax.swing.JTextField ProviderNameTextBox;
private javax.swing.JTextField ProviderPhoneTextBox;
private javax.swing.JTable ProviderTable;
private javax.swing.JButton ProviderUpdateButton;
private javax.swing.JButton ProviderrHomeButton;
private javax.swing.JLabel jLabel1;
private javax.swing.JLabel jLabel2;
private javax.swing.JLabel jLabel3;
private javax.swing.JLabel jLabel4;
```

```
private javax.swing.JLabel jLabel5;  
private javax.swing.JLabel jLabel8;  
private javax.swing.JPanel jPanel1;  
private javax.swing.JPanel jPanel2;  
private javax.swing.JPanel jPanel3;  
private javax.swing.JScrollPane jScrollPane1;  
// End of variables declaration  
}
```

```
//PRODUCT
```

```
package com.mycompany.invertory;
```

```
import java.sql.Statement;  
import java.sql.Connection;  
import java.sql.DriverManager;  
import java.sql.PreparedStatement;  
import java.sql.ResultSet;  
import java.sql.SQLException;  
import javax.swing.JOptionPane;  
import javax.swing.table.DefaultTableModel;  
import net.proteanit.sql.DbUtils;
```

```
public class Product extends javax.swing.JFrame {
```

```
    public Product() {  
        initComponents();  
        ProductTableFill();  
        IdFill();  
        getCat();  
    }
```

```
    Connection Con = null;
```

```
Statement St = null;  
ResultSet Rs = null;
```

```
// <editor-fold defaultstate="collapsed" desc="Generated Code">  
private void initComponents() {
```

```
    jPanel1 = new javax.swing.JPanel();  
    jPanel2 = new javax.swing.JPanel();  
    jLabel2 = new javax.swing.JLabel();  
    jLabel8 = new javax.swing.JLabel();  
    jLabel9 = new javax.swing.JLabel();  
    jLabel1 = new javax.swing.JLabel();  
    ProductIdTextBox = new javax.swing.JTextField();  
    ProductNameTextBox = new javax.swing.JTextField();  
    jLabel3 = new javax.swing.JLabel();  
    ProductDelPriceTextBox = new javax.swing.JTextField();  
    jLabel5 = new javax.swing.JLabel();  
    ProductQtyTextBox = new javax.swing.JTextField();  
    jLabel4 = new javax.swing.JLabel();  
    jLabel6 = new javax.swing.JLabel();  
    ProductSalePriceTextBox = new javax.swing.JTextField();  
    jLabel7 = new javax.swing.JLabel();  
    ProductCatComboBox = new javax.swing.JComboBox<>();  
    AddButton = new javax.swing.JButton();  
    DelButton = new javax.swing.JButton();  
    UpdateButton = new javax.swing.JButton();  
    HomeButton = new javax.swing.JButton();  
    jScrollPane1 = new javax.swing.JScrollPane();  
    ProductTable = new javax.swing.JTable();  
    NewButton = new javax.swing.JButton();  
    jLabel10 = new javax.swing.JLabel();  
    CategoryIdTextBox = new javax.swing.JTextField();
```

```
setDefaultCloseOperation(javax.swing.WindowConstants.EXIT_O  
N_CLOSE);
```

```

setUndecorated(true);

jPanel1.setBackground(new java.awt.Color(102, 102, 102));
jPanel1.setFocusable(false);

jPanel2.setBackground(new java.awt.Color(0, 153, 153));

jLabel2.setFont(new java.awt.Font("Tahoma", 1, 18)); //
NOI18N
jLabel2.setForeground(new java.awt.Color(255, 255, 255));
jLabel2.setText("СОФТУЕР СКЛАД");

jLabel8.setFont(new java.awt.Font("Tahoma", 1, 36)); //
NOI18N
jLabel8.setForeground(new java.awt.Color(255, 255, 255));
jLabel8.setText(" X");

jLabel8.setBorder(javax.swing.BorderFactory.createLineBorder(ne
w java.awt.Color(0, 0, 0)));
jLabel8.addMouseListener(new
java.awt.event.MouseAdapter() {
    public void mouseClicked(java.awt.event.MouseEvent evt)
{
        jLabel8MouseClicked(evt);
    }
});

jLabel9.setFont(new java.awt.Font("Tahoma", 1, 18)); //
NOI18N
jLabel9.setForeground(new java.awt.Color(255, 255, 255));
jLabel9.setText("ПРОДУКТИ");

javax.swing.GroupLayout jPanel2Layout = new
javax.swing.GroupLayout(jPanel2);
jPanel2.setLayout(jPanel2Layout);
jPanel2Layout.setHorizontalGroup(

```



```
jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
```

```
    .addGroup(jPanel2Layout.createSequentialGroup())
```

```
    .addContainerGap(javax.swing.GroupLayout.DEFAULT_SIZE,  
Short.MAX_VALUE)
```

```
    .addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
```

```
    .addGroup(javax.swing.GroupLayout.Alignment.TRAILING,  
jPanel2Layout.createSequentialGroup()
```

```
        .addComponent(jLabel9)
```

```
        .addGap(374, 374, 374))
```

```
    .addGroup(javax.swing.GroupLayout.Alignment.TRAILING,  
jPanel2Layout.createSequentialGroup()
```

```
        .addComponent(jLabel2)
```

```
        .addGap(345, 345, 345)))
```

```
    .addComponent(jLabel8,
```

```
javax.swing.GroupLayout.PREFERRED_SIZE, 48,
```

```
javax.swing.GroupLayout.PREFERRED_SIZE)
```

```
    .addContainerGap())
```

```
);
```

```
jPanel2Layout.setVerticalGroup(
```

```
jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
```

```
    .addGroup(jPanel2Layout.createSequentialGroup())
```

```
        .addContainerGap()
```

```
        .addComponent(jLabel2)
```

```
        .addGap(18, 18, 18)
```

```
        .addComponent(jLabel9)
```

```
    .addContainerGap(javax.swing.GroupLayout.DEFAULT_SIZE,  
Short.MAX_VALUE))
```

```
        .addGroup(javax.swing.GroupLayout.Alignment.TRAILING,  
jPanel2Layout.createSequentialGroup())
```

```
        .addContainerGap(javax.swing.GroupLayout.DEFAULT_SIZE,  
Short.MAX_VALUE)  
        .addComponent(jLabel8)  
        .addContainerGap()  
    );
```

```
        jLabel1.setFont(new java.awt.Font("Tahoma", 1, 18)); //  
NOI18N  
        jLabel1.setForeground(new java.awt.Color(255, 255, 255));  
        jLabel1.setText("ID");
```

```
        ProductIdTextBox.setFont(new java.awt.Font("Tahoma", 1,  
11)); // NOI18N
```

```
        ProductNameTextBox.setFont(new java.awt.Font("Tahoma",  
1, 11)); // NOI18N
```

```
        jLabel3.setFont(new java.awt.Font("Tahoma", 1, 18)); //  
NOI18N  
        jLabel3.setForeground(new java.awt.Color(255, 255, 255));  
        jLabel3.setText("ПРОДУКТ");
```

```
        ProductDelPriceTextBox.setFont(new  
java.awt.Font("Tahoma", 1, 11)); // NOI18N
```

```
        jLabel5.setFont(new java.awt.Font("Tahoma", 1, 18)); //  
NOI18N  
        jLabel5.setForeground(new java.awt.Color(255, 255, 255));  
        jLabel5.setText("ДОСТ. ЦЕНА");
```

```
        ProductQtyTextBox.setFont(new java.awt.Font("Tahoma", 1,  
11)); // NOI18N
```

```
        jLabel4.setFont(new java.awt.Font("Tahoma", 1, 18)); //
        NOI18N
        jLabel4.setForeground(new java.awt.Color(255, 255, 255));
        jLabel4.setText("КОЛИЧЕСТВО");
```

```
        jLabel6.setFont(new java.awt.Font("Tahoma", 1, 18)); //
        NOI18N
        jLabel6.setForeground(new java.awt.Color(255, 255, 255));
        jLabel6.setText("ПРОД. ЦЕНА");
```

```
        ProductSalePriceTextBox.setFont(new
        java.awt.Font("Tahoma", 1, 11)); // NOI18N
```

```
        jLabel7.setFont(new java.awt.Font("Tahoma", 1, 18)); //
        NOI18N
        jLabel7.setForeground(new java.awt.Color(255, 255, 255));
        jLabel7.setText("КАТЕГОРИЯ");
```

```
        ProductCatComboBox.setFont(new java.awt.Font("Tahoma",
        1, 11)); // NOI18N
```

```
        ProductCatComboBox.addMouseListener(new
        java.awt.event.MouseAdapter() {
            public void mouseClicked(java.awt.event.MouseEvent evt)
            {
                ProductCatComboBoxMouseClicked(evt);
            }
        });
```

```
        ProductCatComboBox.addActionListener(new
        java.awt.event.ActionListener() {
            public void actionPerformed(java.awt.event.ActionEvent
        evt) {
                ProductCatComboBoxActionPerformed(evt);
            }
        });
```

```
        AddButton.setBackground(new java.awt.Color(0, 102, 102));
```

```
        AddButton.setFont(new java.awt.Font("Tahoma", 1, 11)); //
NOI18N
        AddButton.setForeground(new java.awt.Color(255, 255,
255));
        AddButton.setText("ДОБАВИ");
        AddButton.setToolTipText("");
        AddButton.addMouseListener(new
java.awt.event.MouseAdapter() {
            public void mouseClicked(java.awt.event.MouseEvent evt)
{
                AddButtonMouseClicked(evt);
            }
        });
```

```
        DelButton.setBackground(new java.awt.Color(0, 102, 102));
        DelButton.setFont(new java.awt.Font("Tahoma", 1, 11)); //
NOI18N
        DelButton.setForeground(new java.awt.Color(255, 255, 255));
        DelButton.setText("ИЗТРИЙ");
        DelButton.setToolTipText("");
        DelButton.addActionListener(new
java.awt.event.ActionListener() {
            public void actionPerformed(java.awt.event.ActionEvent
evt) {
                DelButtonActionPerformed(evt);
            }
        });
```

```
        UpdateButton.setBackground(new java.awt.Color(0, 102,
102));
        UpdateButton.setFont(new java.awt.Font("Tahoma", 1, 11)); //
NOI18N
        UpdateButton.setForeground(new java.awt.Color(255, 255,
255));
        UpdateButton.setText("ПРОМЕНИ");
        UpdateButton.setToolTipText("");
```

```

        UpdateButton.addMouseListener(new
java.awt.event.MouseAdapter() {
            public void mouseClicked(java.awt.event.MouseEvent evt)
            {
                UpdateButtonMouseClicked(evt);
            }
        });
        UpdateButton.addActionListener(new
java.awt.event.ActionListener() {
            public void actionPerformed(java.awt.event.ActionEvent
evt) {
                UpdateButtonActionPerformed(evt);
            }
        });

```

```

        HomeButton.setBackground(new java.awt.Color(0, 102,
102));
        HomeButton.setFont(new java.awt.Font("Tahoma", 1, 11)); //
NOI18N
        HomeButton.setForeground(new java.awt.Color(255, 255,
255));
        HomeButton.setText("ОБПATHO");
        HomeButton.setToolTipText("");
        HomeButton.addMouseListener(new
java.awt.event.MouseAdapter() {
            public void mouseClicked(java.awt.event.MouseEvent evt)
            {
                HomeButtonMouseClicked(evt);
            }
        });

```

```

        ProductTable.setBackground(new java.awt.Color(204, 255,
204));
        ProductTable.setModel(new
javax.swing.table.DefaultTableModel(
            new Object [][] {

```

```

    },
    new String [] {
        "ID", "ПРОДУКТ", "КОЛИЧЕСТВО", "ДОСТ. ЦЕНА",
        "ПРОД. ЦЕНА", "КАТЕГОРИЯ"
    }
));
ProductTable.addMouseListener(new
java.awt.event.MouseAdapter() {
    public void mouseClicked(java.awt.event.MouseEvent evt)
    {
        ProductTableMouseClicked(evt);
    }
});
jScrollPane1.setViewportViewView(ProductTable);

NewButton.setBackground(new java.awt.Color(0, 102, 102));
NewButton.setFont(new java.awt.Font("Tahoma", 1, 11)); //
NOI18N
NewButton.setForeground(new java.awt.Color(255, 255,
255));
NewButton.setText("HOB");
NewButton.setToolTipText("");
NewButton.addMouseListener(new
java.awt.event.MouseAdapter() {
    public void mouseClicked(java.awt.event.MouseEvent evt)
    {
        NewButtonMouseClicked(evt);
    }
});

jLabel10.setFont(new java.awt.Font("Tahoma", 1, 18)); //
NOI18N
jLabel10.setForeground(new java.awt.Color(255, 255, 255));
jLabel10.setText("ID КАТЕГОРИЯ");

CategoryIdTextBox.setFont(new java.awt.Font("Tahoma", 1,
11)); // NOI18N

```

```
CategoryIdTextBox.addActionListener(new
java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent
evt) {
        CategoryIdTextBoxActionPerformed(evt);
    }
});
```

```
    javax.swing.GroupLayout jPanel1Layout = new
    javax.swing.GroupLayout(jPanel1);
    jPanel1.setLayout(jPanel1Layout);
    jPanel1Layout.setHorizontalGroup(
```

```
jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Align  
ment.LEADING)
```

```

        .addComponent(jPanel2,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
        .addGroup(jPanel1Layout.createSequentialGroup()
        .addContainerGap()

```

```
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
```

```
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
    .addGroup(jPanel1Layout.createSequentialGroup()
        .add(jLabel1, javax.swing.GroupLayout.PREFERRED_SIZE, 20, javax.swing.GroupLayout.PREFERRED_SIZE)
        .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
        .add(jTextField1))
    .addGroup(jPanel1Layout.createSequentialGroup()
        .add(jLabel2, javax.swing.GroupLayout.PREFERRED_SIZE, 20, javax.swing.GroupLayout.PREFERRED_SIZE)
        .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
        .add(jTextField2)))
```

```
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
```

```
.addComponent(jLabel4)
.addComponent(jLabel3)
.addComponent(jLabel6)
.addComponent(jLabel1)
.addComponent(jLabel5)
.addComponent(jLabel7))
.addGap(26, 26, 26)
```

```
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
```

```
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING, false)
```

```
    .addComponent(ProductSalePriceTextBox)
    .addComponent(ProductCatComboBox,
javax.swing.GroupLayout.PREFERRED_SIZE, 173,
javax.swing.GroupLayout.PREFERRED_SIZE))
    .addComponent(ProductNameTextBox,
javax.swing.GroupLayout.PREFERRED_SIZE, 173,
javax.swing.GroupLayout.PREFERRED_SIZE)
    .addComponent(ProductIdTextBox,
javax.swing.GroupLayout.PREFERRED_SIZE, 173,
javax.swing.GroupLayout.PREFERRED_SIZE)
    .addComponent(ProductDelPriceTextBox,
javax.swing.GroupLayout.PREFERRED_SIZE, 173,
javax.swing.GroupLayout.PREFERRED_SIZE)
    .addComponent(ProductQtyTextBox,
javax.swing.GroupLayout.PREFERRED_SIZE, 173,
javax.swing.GroupLayout.PREFERRED_SIZE)))
```

```
.addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
jPanel1Layout.createSequentialGroup())
```

```
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING)
```

```
    .addComponent(NewButton,
javax.swing.GroupLayout.PREFERRED_SIZE, 90,
javax.swing.GroupLayout.PREFERRED_SIZE)
```

```
.addGroup(jPanel1Layout.createSequentialGroup())
```

```
    .addComponent(AddButton,
javax.swing.GroupLayout.PREFERRED_SIZE, 90,
javax.swing.GroupLayout.PREFERRED_SIZE)
    .addGap(18, 18, 18)
```



```

        .addComponent(UpdateButton,
javax.swing.GroupLayout.PREFERRED_SIZE, 90,
javax.swing.GroupLayout.PREFERRED_SIZE))
        .addComponent(HomeButton,
javax.swing.GroupLayout.PREFERRED_SIZE, 90,
javax.swing.GroupLayout.PREFERRED_SIZE))
        .addGap(18, 18, 18)
        .addComponent(DelButton,
javax.swing.GroupLayout.PREFERRED_SIZE, 90,
javax.swing.GroupLayout.PREFERRED_SIZE)))
        .addGroup(jPanel1Layout.createSequentialGroup())
        .addComponent(jLabel10)
        .addGap(18, 18, 18)
        .addComponent(CategoryIdTextBox)))
        .addGap(18, 18, 18)
        .addComponent(jScrollPane1,
javax.swing.GroupLayout.DEFAULT_SIZE, 566,
Short.MAX_VALUE)
        .addContainerGap())
    );
    jPanel1Layout.setVerticalGroup(

```

```

jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Align
ment.LEADING)

```

```

        .addGroup(jPanel1Layout.createSequentialGroup())
        .addComponent(jPanel2,
javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE)
        .addGap(22, 22, 22)

```

```

        .addGroup(jPanel1Layout.createParallelGroup(javax.swing.Group
Layout.Alignment.LEADING)
        .addGroup(jPanel1Layout.createSequentialGroup())

```

```

        .addGroup(jPanel1Layout.createParallelGroup(javax.swing.Group
Layout.Alignment.TRAILING)

```

```

        .addComponent(jLabel3)

    .addGroup(jPanel1Layout.createSequentialGroup())

    .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addComponent(ProductIdTextBox,
            javax.swing.GroupLayout.PREFERRED_SIZE,
            javax.swing.GroupLayout.DEFAULT_SIZE,
            javax.swing.GroupLayout.PREFERRED_SIZE)
        .addComponent(jLabel1))

    .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)
        .addComponent(ProductNameTextBox,
            javax.swing.GroupLayout.PREFERRED_SIZE,
            javax.swing.GroupLayout.DEFAULT_SIZE,
            javax.swing.GroupLayout.PREFERRED_SIZE)))
        .addGap(18, 18, 18)

    .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
        .addComponent(ProductQtyTextBox,
            javax.swing.GroupLayout.PREFERRED_SIZE,
            javax.swing.GroupLayout.DEFAULT_SIZE,
            javax.swing.GroupLayout.PREFERRED_SIZE)
        .addComponent(jLabel4))
        .addGap(13, 13, 13)

    .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addComponent(jLabel5)
        .addComponent(ProductDelPriceTextBox,
            javax.swing.GroupLayout.PREFERRED_SIZE,
            javax.swing.GroupLayout.DEFAULT_SIZE,
            javax.swing.GroupLayout.PREFERRED_SIZE))
        .addGap(18, 18, 18)

```

```
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
```

```
    .addComponent(jLabel6)
```

```
    .addComponent(ProductSalePriceTextBox,  
javax.swing.GroupLayout.PREFERRED_SIZE,  
javax.swing.GroupLayout.DEFAULT_SIZE,  
javax.swing.GroupLayout.PREFERRED_SIZE))
```

```
.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.  
UNRELATED)
```

```
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
```

```
    .addComponent(ProductCatComboBox,
```

```
javax.swing.GroupLayout.PREFERRED_SIZE,  
javax.swing.GroupLayout.DEFAULT_SIZE,  
javax.swing.GroupLayout.PREFERRED_SIZE)  
    .addComponent(jLabel7))
```

```
.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.  
UNRELATED)
```

```
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
```

```
    .addComponent(jLabel10)
```

```
    .addComponent(CategoryIdTextBox,  
javax.swing.GroupLayout.PREFERRED_SIZE,  
javax.swing.GroupLayout.DEFAULT_SIZE,  
javax.swing.GroupLayout.PREFERRED_SIZE))
```

```
.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.  
RELATED, javax.swing.GroupLayout.DEFAULT_SIZE,  
Short.MAX_VALUE)
```

```
    .addComponent(NewButton,
```

```
javax.swing.GroupLayout.PREFERRED_SIZE, 39,  
javax.swing.GroupLayout.PREFERRED_SIZE)
```

```

        .addGap(18, 18, 18)

        .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
            .addComponent(AddButton,
                javax.swing.GroupLayout.PREFERRED_SIZE, 39,
                javax.swing.GroupLayout.PREFERRED_SIZE)
            .addComponent(UpdateButton,
                javax.swing.GroupLayout.PREFERRED_SIZE, 39,
                javax.swing.GroupLayout.PREFERRED_SIZE)
            .addComponent(DelButton,
                javax.swing.GroupLayout.PREFERRED_SIZE, 39,
                javax.swing.GroupLayout.PREFERRED_SIZE))
            .addGap(18, 18, 18)
            .addComponent(HomeButton,
                javax.swing.GroupLayout.PREFERRED_SIZE, 39,
                javax.swing.GroupLayout.PREFERRED_SIZE)
            .addGap(12, 12, 12))
            .addComponent(jScrollPane1,
                javax.swing.GroupLayout.DEFAULT_SIZE, 442,
                Short.MAX_VALUE))
            .addContainerGap())
    );

    javax.swing.GroupLayout layout = new
    javax.swing.GroupLayout(getContentPane());
    getContentPane().setLayout(layout);
    layout.setHorizontalGroup(

    layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addComponent(jPanel1,
            javax.swing.GroupLayout.DEFAULT_SIZE,
            javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
    );
    layout.setVerticalGroup(

```

```
layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
```

```
    .addComponent(jPanel1,  
        javax.swing.GroupLayout.DEFAULT_SIZE,  
        javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)  
    );
```

```
    pack();  
    setLocationRelativeTo(null);  
} // </editor-fold>
```

```
private void getCat(){  
    try {  
        Con =  
        DriverManager.getConnection("jdbc:mysql://localhost:3306/InventoryDB", "kangaro", "1234");  
        St = Con.createStatement();  
        String Query=("SELECT * FROM inventorydb.`Category`");  
        Rs= St.executeQuery(Query);  
        while (Rs.next()){
```

```
            ProductCatComboBox.addItem(Rs.getString("Category_name"));
```

```
        }  
        Con.close();
```

```
        CategoryIdTextBox.setText(String.valueOf(ProductCatComboBox.  
        getSelectedIndex()+1));
```

```
    } catch (SQLException e) {  
        e.printStackTrace();  
    }  
}
```

```
public void FillCatId() {  
    try {
```

```

        Con =
        DriverManager.getConnection("jdbc:mysql://localhost:3306/Invertor
yDB", "kangaro", "1234");
        St = Con.createStatement();
        Rs = St.executeQuery("SELECT * FROM
inventorydb.`CATEGORY` where Category_name='
"+ProductCatComboBox.getSelectedItem().toString()+" ' ");
        while (Rs.next()){

```

```

        CategoryIdTextBox.setText(String.valueOf(Rs.getString("Category
_id"))));
        }
        Con.close();
        CategoryIdTextBox.requestFocusInWindow();
    } catch (SQLException e) {
        e.printStackTrace();
    }
}

```

```

private void FillCatId1(){
    try {
        Con =
        DriverManager.getConnection("jdbc:mysql://localhost:3306/Invertor
yDB", "kangaro", "1234");
        St = Con.createStatement();
        String Query=("SELECT * FROM
inventorydb.`CATEGORY` where Category_name='
"+ProductCatComboBox.getSelectedItem().toString()+" ' ");
        Rs= St.executeQuery(Query);

        while (Rs.next()){
            String myCat = Rs.getString("Category_name");
            ProductCatComboBox.addItem(myCat);
            int idCat = Rs.getInt("Category_id")-1;
            CategoryIdTextBox.setText(String.valueOf(idCat));

```

```

        }
        Con.close();
        CategoryIdTextBox.requestFocusInWindow();
    } catch (SQLException e) {
        e.printStackTrace();
    }
}

public void IdFill() {
    try {
        Con =
DriverManager.getConnection("jdbc:mysql://localhost:3306/Invertor
yDB", "kangaro", "1234");
        St = Con.createStatement();
        Rs = St.executeQuery("SELECT MAX(Product_id) as
Product_id FROM inventorydb.`PRODUCTTBL`");
        if (Rs.next()){
            int i = Rs.getInt("Product_id");
            int id = i+1;
            ProductIdTextBox.setText(String.valueOf(id));
        }else{
            ProductIdTextBox.setText("1");
        }
        Con.close();
        ProductNameTextBox.requestFocusInWindow();
    } catch (SQLException e) {
        e.printStackTrace();
    }
}

public void Clear() {
    ProductIdTextBox.setText("");
    ProductNameTextBox.setText("");
    ProductQtyTextBox.setText("");
    ProductDelPriceTextBox.setText("");
    ProductSalePriceTextBox.setText("");
}

```

```

    }

    public void ProductTableFill() {
        try {
            Con =
DriverManager.getConnection("jdbc:mysql://localhost:3306/Invertor
yDB", "kangaro", "1234");
            St = Con.createStatement();
            Rs = St.executeQuery("Select PRODUCTTBL.Product_id,
PRODUCTTBL.Product_name ,PRODUCTTBL.Product_qty
,PRODUCTTBL.Product_del_price
,PRODUCTTBL.Product_sale_price,Category.Category_name \n"
+
            "from PRODUCTTBL\n" +
            "JOIN Category on\n" +
            "Category.Category_id = PRODUCTTBL.Product_category
");

ProductTable.setModel(DbUtils.resultSetToTableModel(Rs));
            ProductTable.getColumnModel().getColumn( 0
).setHeaderValue( "ID" );
            ProductTable.getColumnModel().getColumn( 1
).setHeaderValue( "ИМЕ" );
            ProductTable.getColumnModel().getColumn( 2
).setHeaderValue( "КОЛИЧЕСТВО" );
            ProductTable.getColumnModel().getColumn( 3
).setHeaderValue( "ДОСТ. ЦЕНА" );
            ProductTable.getColumnModel().getColumn( 4
).setHeaderValue( "ПРОД. ЦЕНА" );
            ProductTable.getColumnModel().getColumn( 5
).setHeaderValue( "КАТЕГОРИЯ" );
            Con.close();
        } catch (SQLException e) {
            e.printStackTrace();
        }
    }
}

```



```

private void
AddButtonMouseClicked(java.awt.event.MouseEvent evt) {
    try {
        Con =
        DriverManager.getConnection("jdbc:mysql://localhost:3306/InventoryDB", "kangaro", "1234");
        PreparedStatement add = Con.prepareStatement("insert
into PRODUCTTBL VALUES(?,?,?,?,?,?)");
        add.setInt(1, Integer.valueOf(ProductIdTextBox.getText()));
        add.setString(2, (ProductNameTextBox.getText()));
        add.setInt(3,
Integer.valueOf(ProductQtyTextBox.getText()));
        add.setDouble(4,
Double.valueOf(ProductDelPriceTextBox.getText()));
        add.setDouble(5,
Double.valueOf(ProductSalePriceTextBox.getText()));

add.setInt(6,Integer.valueOf(CategoryIdTextBox.getText().toString(
)));
        int row = add.executeUpdate();
        JOptionPane.showMessageDialog(this, "Продукта е
добавен");
        Con.close();
        ProductTableFill();
        Clear();
        IdFill();
    } catch (SQLException e) {
        e.printStackTrace();
    }
}

```

```

private void
DelButtonActionPerformed(java.awt.event.ActionEvent evt) {
    if (ProductIdTextBox.getText().isEmpty()) {
        JOptionPane.showMessageDialog(this, "Няма избран
продукт за изтриване");
    } else {

```

```

        try {
            Con =
DriverManager.getConnection("jdbc:mysql://localhost:3306/Invertor
yDB", "kangaro", "1234");
            String Id = ProductIdTextBox.getText();
            String Qwery = "Delete from inventorydb.PRODUCTTBL
where Product_id=" + Id;
            Statement Add = Con.createStatement();
            Add.executeUpdate(Qwery);
            Con.close();
            ProductTableFill();
            Clear();
            IdFill();
            JOptionPane.showMessageDialog(this, "Продукта е
изтрит");
        } catch (SQLException e) {
            e.printStackTrace();
        }
    }
}

```

```

private void
ProductTableMouseClicked(java.awt.event.MouseEvent evt) {
    DefaultTableModel model =
(DefaultTableModel)ProductTable.getModel();
    int MyIndex = ProductTable.getSelectedRow();
    ProductIdTextBox.setText(model.getValueAt(MyIndex,
0).toString());
    ProductNameTextBox.setText(model.getValueAt(MyIndex,
1).toString());
    ProductQtyTextBox.setText(model.getValueAt(MyIndex,
2).toString());
    ProductDelPriceTextBox.setText(model.getValueAt(MyIndex,
3).toString());
    ProductSalePriceTextBox.setText(model.getValueAt(MyIndex,
4).toString());
}

```

```
ProductCatComboBox.setSelectedItem(model.getValueAt(MyIndex
, 5).toString());
}
```

```
private void jLabel8MouseClicked(java.awt.event.MouseEvent
evt) {
    System.exit(0);
}
```

```
private void
UpdateButtonActionPerformed(java.awt.event.ActionEvent evt) {
    if
(ProductIdTextBox.getText().isEmpty()||ProductNameTextBox.getT
ext().isEmpty()||ProductQtyTextBox.getText().isEmpty()
||ProductDelPriceTextBox.getText().isEmpty()||
ProductSalePriceTextBox.getText().isEmpty()){
        JOptionPane.showMessageDialog(this, "Липсва пълна
информация за продукта");
    }
    else{
        try{
            Con =
DriverManager.getConnection("jdbc:mysql://localhost:3306/Invertor
yDB", "kangaro", "1234");
            String UpdateQwery = "Update
inventorydb.PRODUCTTBL set
Product_name='"+ProductNameTextBox.getText()+"','"+Product_qt
y='"+ProductQtyTextBox.getText()+"','"+Product_del_price='"+Produ
ctDelPriceTextBox.getText()+"','"+Product_sale_price='"+ProductSa
lePriceTextBox.getText()+"','"+Product_category='"+Integer.valueOf
(CategoryIdTextBox.getText().toString())+"'"+"where
Product_id='"+ProductIdTextBox.getText();
            Statement Add = Con.createStatement();
            Add.executeUpdate(UpdateQwery);
            Con.close();
            ProductTableFill();
```

```

        Clear();
        IdFill();
        JOptionPane.showMessageDialog(this, "Продукта е
променен");
    }catch (SQLException e) {
        e.printStackTrace();
    }
}
}

```

```

private void
HomeButtonMouseClicked(java.awt.event.MouseEvent evt) {
    new HomeForm().setVisible(true);
    this.dispose();
}

```

```

private void
UpdateButtonMouseClicked(java.awt.event.MouseEvent evt) {

}

```

```

private void
NewButtonMouseClicked(java.awt.event.MouseEvent evt) {

```

```

    Clear();
    IdFill();
}

```

```

private void
ProductCatComboBoxMouseClicked(java.awt.event.MouseEvent
evt) {

}

```

```

private void
CategoryIdTextBoxActionPerformed(java.awt.event.ActionEvent
evt) {

```

```
}
```

```
private void  
ProductCatComboBoxActionPerformed(java.awt.event.ActionEvent  
evt) {
```

```
CategoryIdTextBox.setText(String.valueOf(ProductCatComboBox.  
getSelectedIndex()+1));  
}
```

```
/**  
 * @param args the command line arguments  
 */  
public static void main(String args[]) {
```

```
    java.awt.EventQueue.invokeLater(new Runnable() {  
        public void run() {  
            new Product().setVisible(true);  
        }  
    });  
}
```

```
// Variables declaration - do not modify  
private javax.swing.JButton AddButton;  
private javax.swing.JTextField CategoryIdTextBox;  
private javax.swing.JButton DelButton;  
private javax.swing.JButton HomeButton;  
private javax.swing.JButton NewButton;  
private javax.swing.JComboBox<String> ProductCatComboBox;  
private javax.swing.JTextField ProductDelPriceTextBox;  
private javax.swing.JTextField ProductIdTextBox;  
private javax.swing.JTextField ProductNameTextBox;  
private javax.swing.JTextField ProductQtyTextBox;  
private javax.swing.JTextField ProductSalePriceTextBox;
```

```
private javax.swing.JTable ProductTable;
private javax.swing.JButton UpdateButton;
private javax.swing.JLabel jLabel1;
private javax.swing.JLabel jLabel10;
private javax.swing.JLabel jLabel2;
private javax.swing.JLabel jLabel3;
private javax.swing.JLabel jLabel4;
private javax.swing.JLabel jLabel5;
private javax.swing.JLabel jLabel6;
private javax.swing.JLabel jLabel7;
private javax.swing.JLabel jLabel8;
private javax.swing.JLabel jLabel9;
private javax.swing.JPanel jPanel1;
private javax.swing.JPanel jPanel2;
private javax.swing.JScrollPane jScrollPane1;
// End of variables declaration
}
```

```
//USER
```

```
package com.mycompany.inventory;
```

```
import java.sql.Connection;
import java.sql.DriverManager;
import java.sql.PreparedStatement;
import java.sql.ResultSet;
import java.sql.SQLException;
import java.sql.Statement;
import javax.swing.JOptionPane;
import javax.swing.table.DefaultTableModel;
import net.proteanit.sql.DbUtils;
```

```
public class User extends javax.swing.JFrame {
```

```
public User() {  
    initComponents();  
    UserTableFill();  
    IdFill();  
}
```

```
Connection Con = null;  
Statement St = null;  
ResultSet Rs = null;
```

```
@SuppressWarnings("unchecked")  
// <editor-fold defaultstate="collapsed" desc="Generated Code">  
private void initComponents() {
```

```
    jPanel1 = new javax.swing.JPanel();  
    jPanel2 = new javax.swing.JPanel();  
    jPanel3 = new javax.swing.JPanel();  
    jLabel2 = new javax.swing.JLabel();  
    jLabel5 = new javax.swing.JLabel();  
    jLabel8 = new javax.swing.JLabel();  
    jLabel1 = new javax.swing.JLabel();  
    UserIdTextBox = new javax.swing.JTextField();  
    UserNameTextBox = new javax.swing.JTextField();  
    jLabel3 = new javax.swing.JLabel();  
    UserPassTextBox = new javax.swing.JTextField();  
    jLabel4 = new javax.swing.JLabel();  
    UserAddButton = new javax.swing.JButton();  
    UserDeleteButton = new javax.swing.JButton();  
    UserUpdateButton = new javax.swing.JButton();  
    UserHomeButton = new javax.swing.JButton();  
    jScrollPane1 = new javax.swing.JScrollPane();  
    UserTable = new javax.swing.JTable();  
    UserPhoneTextBox = new javax.swing.JTextField();  
    jLabel6 = new javax.swing.JLabel();  
    UserIdRoleTextBox = new javax.swing.JTextField();  
    jLabel7 = new javax.swing.JLabel();
```

```

        NewButton = new javax.swing.JButton();

setDefaultCloseOperation(javax.swing.WindowConstants.EXIT_O
N_CLOSE);
    setUndecorated(true);

    JPanel2.setBackground(new java.awt.Color(102, 102, 102));
    JPanel2.setFocusable(false);

    JPanel3.setBackground(new java.awt.Color(0, 153, 153));

    JLabel2.setFont(new java.awt.Font("Tahoma", 1, 18)); //
NOI18N
    JLabel2.setForeground(new java.awt.Color(255, 255, 255));
    JLabel2.setText("СОФТУЕР СКЛАД");

    JLabel5.setFont(new java.awt.Font("Tahoma", 1, 18)); //
NOI18N
    JLabel5.setForeground(new java.awt.Color(255, 255, 255));
    JLabel5.setText("ПОТРЕБИТЕЛИ");

    JLabel8.setFont(new java.awt.Font("Tahoma", 1, 36)); //
NOI18N
    JLabel8.setForeground(new java.awt.Color(255, 255, 255));
    JLabel8.setText(" X");

    JLabel8.setBorder(javax.swing.BorderFactory.createLineBorder(ne
w java.awt.Color(0, 0, 0));
    JLabel8.addMouseListener(new
java.awt.event.MouseAdapter() {
        public void mouseClicked(java.awt.event.MouseEvent evt)
{
            JLabel8MouseClicked(evt);
        }
    });

```



```

        javax.swing.GroupLayout jPanel3Layout = new
javax.swing.GroupLayout(jPanel3);
        jPanel3.setLayout(jPanel3Layout);
        jPanel3Layout.setHorizontalGroup(

jPanel3Layout.createParallelGroup(javax.swing.GroupLayout.Align
ment.LEADING)
            .addGroup(jPanel3Layout.createSequentialGroup()
                .addGap(317, 317, 317)

.addGroup(jPanel3Layout.createParallelGroup(javax.swing.Group
Layout.Alignment.LEADING)
                    .addComponent(jLabel2)
                    .addGroup(jPanel3Layout.createSequentialGroup()
                        .addGap(10, 10, 10)
                        .addComponent(jLabel5)))

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.
RELATED, javax.swing.GroupLayout.DEFAULT_SIZE,
Short.MAX_VALUE)
                    .addComponent(jLabel8,
javax.swing.GroupLayout.PREFERRED_SIZE, 48,
javax.swing.GroupLayout.PREFERRED_SIZE)
                    .addContainerGap())
            );
        jPanel3Layout.setVerticalGroup(

jPanel3Layout.createParallelGroup(javax.swing.GroupLayout.Align
ment.LEADING)
            .addGroup(jPanel3Layout.createSequentialGroup()
                .addGap(317, 317, 317)
                .addContainerGap()

.addGroup(jPanel3Layout.createParallelGroup(javax.swing.Group
Layout.Alignment.LEADING)
                    .addComponent(jLabel8)
                    .addGroup(jPanel3Layout.createSequentialGroup()
                        .addComponent(jLabel2)

```

```
.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.  
RELATED)
```

```
        .addComponent(jLabel5)))
```

```
.addContainerGap(javax.swing.GroupLayout.DEFAULT_SIZE,  
Short.MAX_VALUE))  
    );
```

```
        jLabel1.setFont(new java.awt.Font("Tahoma", 1, 18)); //  
NOI18N
```

```
        jLabel1.setForeground(new java.awt.Color(255, 255, 255));  
        jLabel1.setText("ID");
```

```
        UserIdTextBox.setFont(new java.awt.Font("Tahoma", 1, 11));  
// NOI18N
```

```
        UserNameTextBox.setFont(new java.awt.Font("Tahoma", 1,  
11)); // NOI18N
```

```
        jLabel3.setFont(new java.awt.Font("Tahoma", 1, 18)); //  
NOI18N
```

```
        jLabel3.setForeground(new java.awt.Color(255, 255, 255));  
        jLabel3.setText("ИМЕ");
```

```
        UserPassTextBox.setFont(new java.awt.Font("Tahoma", 1,  
11)); // NOI18N
```

```
        jLabel4.setFont(new java.awt.Font("Tahoma", 1, 18)); //  
NOI18N
```

```
        jLabel4.setForeground(new java.awt.Color(255, 255, 255));  
        jLabel4.setText("ПАРОЛ");
```

```
        UserAddButton.setBackground(new java.awt.Color(0, 102,  
102));
```

```
        UserAddButton.setFont(new java.awt.Font("Tahoma", 1, 11));  
// NOI18N
```

```
UserAddButton.setForeground(new java.awt.Color(255, 255,
255));
UserAddButton.setText("ДОБАВИ");
UserAddButton.setToolTipText("");
UserAddButton.addMouseListener(new
java.awt.event.MouseAdapter() {
    public void mouseClicked(java.awt.event.MouseEvent evt)
{
        UserAddButtonMouseClicked(evt);
    }
});
UserAddButton.addKeyListener(new
java.awt.event.KeyAdapter() {
    public void keyPressed(java.awt.event.KeyEvent evt) {
        UserAddButtonKeyPressed(evt);
    }
});
```

```
UserDeleteButton.setBackground(new java.awt.Color(0, 102,
102));
UserDeleteButton.setFont(new java.awt.Font("Tahoma", 1,
11)); // NOI18N
UserDeleteButton.setForeground(new java.awt.Color(255,
255, 255));
UserDeleteButton.setText("ИЗТРИЙ");
UserDeleteButton.setToolTipText("");
UserDeleteButton.addMouseListener(new
java.awt.event.MouseAdapter() {
    public void mouseClicked(java.awt.event.MouseEvent evt)
{
        UserDeleteButtonMouseClicked(evt);
    }
});
```

```
UserUpdateButton.setBackground(new java.awt.Color(0, 102,
102));
```

```

        UserUpdateButton.setFont(new java.awt.Font("Tahoma", 1,
11)); // NOI18N
        UserUpdateButton.setForeground(new java.awt.Color(255,
255, 255));
        UserUpdateButton.setText("ПОМОЕИИ");
        UserUpdateButton.setToolTipText("");
        UserUpdateButton.addMouseListener(new
java.awt.event.MouseAdapter() {
            public void mouseClicked(java.awt.event.MouseEvent evt)
{
                UserUpdateButtonMouseClicked(evt);
            }
        });

```

```

        UserHomeButton.setBackground(new java.awt.Color(0, 102,
102));
        UserHomeButton.setFont(new java.awt.Font("Tahoma", 1,
11)); // NOI18N
        UserHomeButton.setForeground(new java.awt.Color(255,
255, 255));
        UserHomeButton.setText("ОБРАТНО");
        UserHomeButton.setToolTipText("");
        UserHomeButton.addMouseListener(new
java.awt.event.MouseAdapter() {
            public void mouseClicked(java.awt.event.MouseEvent evt)
{
                UserHomeButtonMouseClicked(evt);
            }
        });

```

```

        UserTable.setBackground(new java.awt.Color(0, 153, 153));
        UserTable.setModel(new
javax.swing.table.DefaultTableModel(
            new Object [][] {

            },
            new String [] {

```

```

        "ID", "ИМЕ", "ПАРОЛА", "ТЕЛЕФОН", "ID ВИД
ПОТРЕБИТЕЛ"
    }
    ));
    UserTable.addMouseListener(new
java.awt.event.MouseAdapter() {
        public void mouseClicked(java.awt.event.MouseEvent evt)
    {
        UserTableMouseClicked(evt);
    }
    });
    jScrollPane1.setViewportViewView(UserTable);
    if (UserTable.getColumnModel().getColumnCount() > 0) {

UserTable.getColumnModel().getColumn(0).setPreferredWidth(10)
;
    }

    UserPhoneTextBox.setFont(new java.awt.Font("Tahoma", 1,
11)); // NOI18N

    jLabel6.setFont(new java.awt.Font("Tahoma", 1, 18)); //
NOI18N
    jLabel6.setForeground(new java.awt.Color(255, 255, 255));
    jLabel6.setText("ТЕЛЕФОН");

    UserIdRoleTextBox.setFont(new java.awt.Font("Tahoma", 1,
11)); // NOI18N

    jLabel7.setFont(new java.awt.Font("Tahoma", 1, 18)); //
NOI18N
    jLabel7.setForeground(new java.awt.Color(255, 255, 255));
    jLabel7.setText("ID ВИД ПОТРЕБИТЕЛ");

    NewButton.setBackground(new java.awt.Color(0, 102, 102));
    NewButton.setFont(new java.awt.Font("Tahoma", 1, 11)); //
NOI18N

```

```

        NewButton.setForeground(new java.awt.Color(255, 255,
255));
        NewButton.setText("HOB");
        NewButton.setToolTipText("");
        NewButton.addMouseListener(new
java.awt.event.MouseAdapter() {
            public void mouseClicked(java.awt.event.MouseEvent evt)
{
                NewButtonMouseClicked(evt);
            }
        });

```

```

        javax.swing.GroupLayout jPanel2Layout = new
javax.swing.GroupLayout(jPanel2);
        jPanel2.setLayout(jPanel2Layout);
        jPanel2Layout.setHorizontalGroup(

```

```

jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Align
ment.LEADING)
            .addComponent(jPanel3,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
            .addGroup(jPanel2Layout.createSequentialGroup()
                .addComponent(jPanel2Layout.createParallelGroup(

```

```

                    .addComponent(jPanel2Layout.createParallelGroup(
                        javax.swing.GroupLayout.Alignment.LEADING)
                            .addGroup(jPanel2Layout.createSequentialGroup()
                                .addComponent(jPanel2Layout.createParallelGroup(

```

```

                                .addComponent(jPanel2Layout.createParallelGroup(
                                    javax.swing.GroupLayout.Alignment.LEADING)
                                        .addGroup(jPanel2Layout.createSequentialGroup()
                                            .addComponent(jPanel2Layout.createParallelGroup(

```

```
.addGroup(javax.swing.GroupLayout.Alignment.TRAILING,  
jPanel2Layout.createSequentialGroup()  
    .addComponent(jLabel6)  
    .addGap(18, 18, 18)  
    .addComponent(UserPhoneTextBox,  
javax.swing.GroupLayout.PREFERRED_SIZE, 173,  
javax.swing.GroupLayout.PREFERRED_SIZE))
```

```
.addGroup(javax.swing.GroupLayout.Alignment.TRAILING,  
jPanel2Layout.createSequentialGroup()  
    .addComponent(jLabel4)
```

```
.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.  
UNRELATED)  
    .addComponent(UserPassTextBox,  
javax.swing.GroupLayout.PREFERRED_SIZE, 173,  
javax.swing.GroupLayout.PREFERRED_SIZE))
```

```
.addGroup(javax.swing.GroupLayout.Alignment.TRAILING,  
jPanel2Layout.createSequentialGroup()  
    .addComponent(jLabel3)
```

```
.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.  
UNRELATED)  
    .addComponent(UsernameTextBox,  
javax.swing.GroupLayout.PREFERRED_SIZE, 173,  
javax.swing.GroupLayout.PREFERRED_SIZE))
```

```
.addGroup(javax.swing.GroupLayout.Alignment.TRAILING,  
jPanel2Layout.createSequentialGroup()  
    .addComponent(jLabel1)
```

```
.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.  
UNRELATED)
```

```

        .addComponent(UserIdTextBox,
javax.swing.GroupLayout.PREFERRED_SIZE, 173,
javax.swing.GroupLayout.PREFERRED_SIZE))

        .addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
jPanel2Layout.createSequentialGroup())

        .addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING)
        .addComponent(UserHomeButton,
javax.swing.GroupLayout.PREFERRED_SIZE, 90,
javax.swing.GroupLayout.PREFERRED_SIZE)

        .addGroup(jPanel2Layout.createSequentialGroup()
        .addComponent(UserAddButton,
javax.swing.GroupLayout.PREFERRED_SIZE, 90,
javax.swing.GroupLayout.PREFERRED_SIZE)
        .addGap(18, 18, 18)
        .addComponent(UserUpdateButton,
javax.swing.GroupLayout.PREFERRED_SIZE, 90,
javax.swing.GroupLayout.PREFERRED_SIZE))
        .addComponent(NewButton,
javax.swing.GroupLayout.PREFERRED_SIZE, 90,
javax.swing.GroupLayout.PREFERRED_SIZE))
        .addGap(18, 18, 18)
        .addComponent(UserDeleteButton,
javax.swing.GroupLayout.PREFERRED_SIZE, 90,
javax.swing.GroupLayout.PREFERRED_SIZE)))
        .addGap(18, 18, 18)
        .addComponent(jScrollPane1,
javax.swing.GroupLayout.DEFAULT_SIZE, 474,
Short.MAX_VALUE)
        .addContainerGap())
    );
jPanel2Layout.setVerticalGroup(

```



```
jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
```

```
    .addGroup(jPanel2Layout.createSequentialGroup()  
        .addComponent(jPanel3,  
            javax.swing.GroupLayout.PREFERRED_SIZE,  
            javax.swing.GroupLayout.DEFAULT_SIZE,  
            javax.swing.GroupLayout.PREFERRED_SIZE)  
        .addGap(22, 22, 22)
```

```
.addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
```

```
    .addGroup(jPanel2Layout.createSequentialGroup()  
        .addGap(14, 14, 14)
```

```
.addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
```

```
    .addComponent(UserIdTextBox,  
        javax.swing.GroupLayout.PREFERRED_SIZE,  
        javax.swing.GroupLayout.DEFAULT_SIZE,  
        javax.swing.GroupLayout.PREFERRED_SIZE)  
    .addComponent(jLabel1))
```

```
.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)
```

```
.addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
```

```
    .addComponent(UsernameTextBox,  
        javax.swing.GroupLayout.PREFERRED_SIZE,  
        javax.swing.GroupLayout.DEFAULT_SIZE,  
        javax.swing.GroupLayout.PREFERRED_SIZE)  
    .addComponent(jLabel3))
```

```
.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)
```

```
.addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
```

```
    .addComponent(UserPassTextBox,  
        javax.swing.GroupLayout.PREFERRED_SIZE,  
        javax.swing.GroupLayout.DEFAULT_SIZE,  
        javax.swing.GroupLayout.PREFERRED_SIZE)  
    .addComponent(jLabel4))
```

```
.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.  
UNRELATED)
```

```
.addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
```

```
    .addComponent(UserPhoneTextBox,  
        javax.swing.GroupLayout.PREFERRED_SIZE,  
        javax.swing.GroupLayout.DEFAULT_SIZE,  
        javax.swing.GroupLayout.PREFERRED_SIZE)  
    .addComponent(jLabel6))  
.addGap(18, 18, 18)
```

```
.addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
```

```
    .addComponent(UserIdRoleTextBox,  
        javax.swing.GroupLayout.PREFERRED_SIZE,  
        javax.swing.GroupLayout.DEFAULT_SIZE,  
        javax.swing.GroupLayout.PREFERRED_SIZE)  
    .addComponent(jLabel7))
```

```
.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.  
RELATED, 23, Short.MAX_VALUE)
```

```
    .addComponent(NewButton,  
        javax.swing.GroupLayout.PREFERRED_SIZE, 39,  
        javax.swing.GroupLayout.PREFERRED_SIZE)  
.addGap(18, 18, 18)
```

```
.addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
    .addComponent(UserAddButton,
        javax.swing.GroupLayout.PREFERRED_SIZE, 39,
        javax.swing.GroupLayout.PREFERRED_SIZE)
    .addComponent(UserUpdateButton,
        javax.swing.GroupLayout.PREFERRED_SIZE, 39,
        javax.swing.GroupLayout.PREFERRED_SIZE)
    .addComponent(UserDeleteButton,
        javax.swing.GroupLayout.PREFERRED_SIZE, 39,
        javax.swing.GroupLayout.PREFERRED_SIZE))
```

```
.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)
    .addComponent(UserHomeButton,
        javax.swing.GroupLayout.PREFERRED_SIZE, 39,
        javax.swing.GroupLayout.PREFERRED_SIZE))
    .addComponent(jScrollPane1,
        javax.swing.GroupLayout.PREFERRED_SIZE, 0,
        Short.MAX_VALUE))
    .addContainerGap()
);
```

```
javax.swing.GroupLayout jPanel1Layout = new
javax.swing.GroupLayout(jPanel1);
jPanel1.setLayout(jPanel1Layout);
jPanel1Layout.setHorizontalGroup(
```

```
jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
    .addGroup(jPanel1Layout.createSequentialGroup()
        .addComponent(jPanel2,
            javax.swing.GroupLayout.PREFERRED_SIZE,
            javax.swing.GroupLayout.DEFAULT_SIZE,
            javax.swing.GroupLayout.PREFERRED_SIZE)
        .addGap(0, 0, Short.MAX_VALUE))
```

```

    );
    JPanel1Layout.setVerticalGroup(

jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Align
ment.LEADING)
        .addGroup(jPanel1Layout.createSequentialGroup()
            .addComponent(jPanel2,
                javax.swing.GroupLayout.PREFERRED_SIZE,
                javax.swing.GroupLayout.DEFAULT_SIZE,
                javax.swing.GroupLayout.PREFERRED_SIZE)
            .addGap(0, 0, Short.MAX_VALUE))
        );

    javax.swing.GroupLayout layout = new
javax.swing.GroupLayout(getContentPane());
    getContentPane().setLayout(layout);
    layout.setHorizontalGroup(

layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LE
ADING)
        .addComponent(jPanel1,
            javax.swing.GroupLayout.DEFAULT_SIZE,
            javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
        );
    layout.setVerticalGroup(

layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LE
ADING)
        .addComponent(jPanel1,
            javax.swing.GroupLayout.DEFAULT_SIZE,
            javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
        );

    pack();
    setLocationRelativeTo(null);
} // </editor-fold>

```

```

public void IdFill() {
    try {
        Con =
DriverManager.getConnection("jdbc:mysql://localhost:3306/Invertor
yDB", "kangaro", "1234");
        St = Con.createStatement();
        Rs = St.executeQuery("SELECT MAX(User_id) as User_id
FROM inventorydb.`User`");
        if (Rs.next()){
            int i = Rs.getInt("User_id");
            int id = i+1;
            UserIdTextBox.setText(String.valueOf(id));
        }else{
            UserIdTextBox.setText("1");
        }
        Con.close();
        UserNameTextBox.requestFocusInWindow();
    } catch (SQLException e) {
        e.printStackTrace();
    }
}

```

```

public void Clear() {
    UserIdTextBox.setText("");
    UserNameTextBox.setText("");
    UserPassTextBox.setText("");
    UserPhoneTextBox.setText("");
    UserIdRoleTextBox.setText("");
}

```

```

public void UserTableFill() {
    try {
        Con =
DriverManager.getConnection("jdbc:mysql://localhost:3306/Invertor
yDB", "kangaro", "1234");
        St = Con.createStatement();
        Rs = St.executeQuery("Select * from User");
    }
}

```

```

        UserTable.setModel(DbUtils.resultSetToTableModel(Rs));
        UserTable.getColumnModel().getColumn( 0
).setHeaderValue( "ID" );
        UserTable.getColumnModel().getColumn( 1
).setHeaderValue( "ИМЕ" );
        UserTable.getColumnModel().getColumn( 2
).setHeaderValue( "ПАРОЛА" );
        UserTable.getColumnModel().getColumn( 1
).setHeaderValue( "ТЕЛЕФОН" );
        UserTable.getColumnModel().getColumn( 2
).setHeaderValue( "ID ВИД ПОТРЕБИТЕЛ" );
        Con.close();
    } catch (SQLException e) {
        e.printStackTrace();
    }
}

```

```

private void jLabel8MouseClicked(java.awt.event.MouseEvent
evt) {
    System.exit(0);
}

```

```

private void
UserAddButtonMouseClicked(java.awt.event.MouseEvent evt) {
    try {
        Con =
DriverManager.getConnection("jdbc:mysql://localhost:3306/Invertor
yDB", "kangaro", "1234");
        PreparedStatement add = Con.prepareStatement("insert
into User VALUES(?,?,?,?,?)");
        add.setInt(1, Integer.valueOf(UserIdTextBox.getText()));
        add.setString(2, (UserNameTextBox.getText()));
        add.setString(3, (UserPassTextBox.getText()));
        add.setString(4, (UserPhoneTextBox.getText()));
        add.setString(5, (UserIdRoleTextBox.getText()));

        int row = add.executeUpdate();
    }
}

```

```

        JOptionPane.showMessageDialog(this, "Потребителя е
добавен");
        Con.close();
        UserTableFill();
        Clear();
        IdFill();
    } catch (SQLException e) {
        e.printStackTrace();
    }
}

```

```

private void
UserAddButtonKeyPressed(java.awt.event.KeyEvent evt) {

}

```

```

private void
UserDeleteButtonMouseClicked(java.awt.event.MouseEvent evt) {
    if (UserIdTextBox.getText().isEmpty()) {
        JOptionPane.showMessageDialog(this, "Няма избран
потребител за изтриване");
    } else {
        try {
            Con =
DriverManager.getConnection("jdbc:mysql://localhost:3306/Invertor
yDB", "kangaro", "1234");
            String Id = UserIdTextBox.getText();
            String Qwery = "Delete from inventorydb.User where
User_id=" + Id;
            Statement Add = Con.createStatement();
            Add.executeUpdate(Qwery);
            Con.close();
            UserTableFill();
            Clear();
            IdFill();
            JOptionPane.showMessageDialog(this, "Потребителя е
изтрит");

```

```

        } catch (SQLException e) {
            e.printStackTrace();
        }
    }
}

private void
UserUpdateButtonMouseClicked(java.awt.event.MouseEvent evt) {
    if
    (UserIdTextBox.getText().isEmpty()||UserNameTextBox.getText().is
    Empty()){
        JOptionPane.showMessageDialog(this, "Липсва пълна
    информация за потребител");
    }
    else{
        try{
            Con =
            DriverManager.getConnection("jdbc:mysql://localhost:3306/Invertor
            yDB", "kangaro", "1234");
            String UpdateQwery = "Update inventorydb.User set
            User_name='"+UserNameTextBox.getText()+"','"+User_pass='"+U
            serPassTextBox.getText()+"','"+User_phone='"+UserPhoneTextBo
            x.getText()+"','"+User_role_id='"+UserIdRoleTextBox.getText()+"'+
            "where User_id='"+UserIdTextBox.getText();
            Statement Add = Con.createStatement();
            Add.executeUpdate(UpdateQwery);
            Con.close();
            UserTableFill();
            Clear();
            IdFill();
            JOptionPane.showMessageDialog(this, "Потребителя е
    променен");
        }catch (SQLException e) {
            e.printStackTrace();
        }
    }
}

```



```

        private void
        UserHomeButtonMouseClicked(java.awt.event.MouseEvent evt) {

            this.dispose();
        }

```

```

        private void
        UserTableMouseClicked(java.awt.event.MouseEvent evt) {
            DefaultTableModel model =
            (DefaultTableModel)UserTable.getModel();
            int MyIndex = UserTable.getSelectedRow();
            UserIdTextBox.setText(model.getValueAt(MyIndex,
            0).toString());
            UserNameTextBox.setText(model.getValueAt(MyIndex,
            1).toString());
            UserPassTextBox.setText(model.getValueAt(MyIndex,
            2).toString());
            UserPhoneTextBox.setText(model.getValueAt(MyIndex,
            3).toString());
            UserIdRoleTextBox.setText(model.getValueAt(MyIndex,
            4).toString());
        }

```

```

        private void
        NewButtonMouseClicked(java.awt.event.MouseEvent evt) {

            Clear();
            IdFill();
        }

```

```

/**
 * @param args the command line arguments
 */
public static void main(String args[]) {

```

```

    java.awt.EventQueue.invokeLater(new Runnable() {

```

```

        public void run() {
            new User().setVisible(true);
        }
    });
}

// Variables declaration - do not modify
private javax.swing.JButton NewButton;
private javax.swing.JButton UserAddButton;
private javax.swing.JButton UserDeleteButton;
private javax.swing.JButton UserHomeButton;
private javax.swing.JTextField UserIdRoleTextBox;
private javax.swing.JTextField UserIdTextBox;
private javax.swing.JTextField UserNameTextBox;
private javax.swing.JTextField UserPassTextBox;
private javax.swing.JTextField UserPhoneTextBox;
private javax.swing.JTable UserTable;
private javax.swing.JButton UserUpdateButton;
private javax.swing.JLabel jLabel1;
private javax.swing.JLabel jLabel2;
private javax.swing.JLabel jLabel3;
private javax.swing.JLabel jLabel4;
private javax.swing.JLabel jLabel5;
private javax.swing.JLabel jLabel6;
private javax.swing.JLabel jLabel7;
private javax.swing.JLabel jLabel8;
private javax.swing.JPanel jPanel1;
private javax.swing.JPanel jPanel2;
private javax.swing.JPanel jPanel3;
private javax.swing.JScrollPane jScrollPane1;
// End of variables declaration
}

```