

PROJECT PENJUALAN JAVA MENGGUNAKAN NETBEANS DAN MYSQL

LANGKAH 1 :

Buat data base beri nama “penjualan” dan tabel seperti berikut :

Gbr 1 . Structure database

Gbr 2. Structure tabel barang

Gbr 3. Structure tabel divisi

Server: localhost > Database: sis_alcom > Table: faktur

Check All / Uncheck All With selected:

Gbr 4. Structure tabel faktur

Server: localhost > Database: sis_alcom > Table: karyawan

Check All / Uncheck All With selected:

Gbr 5. Structure tabel karyawan

Server: localhost > Database: sis_alcom > Table: pelanggan

Check All / Uncheck All With selected:

Gbr 6. Structure tabel pelanggan

Server: localhost > Database: sis_alcom > View: rincian

Check All / Uncheck All With selected:

Gbr 7. Structure tabel rincian

Server: localhost > Database: sis_alcom > Table: trans_jual

Check All / Uncheck All With selected:

Gbr 8. Structure tabel trans_jual

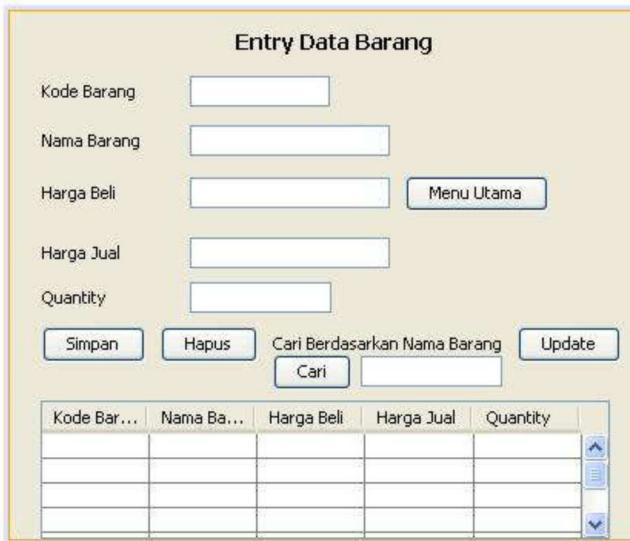
LANGKAH 2 :

Buat project penjualan dan form-formnya

- **Form Login**



- **Form Barang**



Berikut Source Codenya :

```
import java.awt.Frame;
import java.sql.*;
import javax.swing.table.DefaultTableModel;
public class frm_barang extends javax.swing.JFrame {

    Connection cn=null;
    ResultSet rsbarang=null;
    DefaultTableModel tabModel;

    public frm_barang() {
        initComponents();
        koneksi();
        tampilData();
    }

    void koneksi(){
        try{
            //aktif driver
            Class.forName("com.mysql.jdbc.Driver");
            //koneksi database
            cn=DriverManager.getConnection("jdbc:mysql://localhost/penjualan","root","");
            Object[] judul_kolom = {"Kode Barang","Nama Barang","Harga Beli","Harga
Jual","Quantity"};
            tabModel=new DefaultTableModel(null,judul_kolom);
            jTableBrg.setModel(tabModel);
        }
    }
}
```

```

        //    tampilData();
        }
        catch(ClassNotFoundException e){
            e.printStackTrace();
        }
        catch(Exception e){
            e.printStackTrace();
        }
    }

void tampilData(){
    try{
        Statement stm; //buat stm
        stm=cn.createStatement();
        tabModel.getDataVector().removeAllElements();
        rsbarang=stm.executeQuery("select * from barang");//mengambil data barang
        while(rsbarang.next()){
            Object[] data={rsbarang.getString("kode_barang"),
                rsbarang.getString("nama_barang"),
                rsbarang.getString("harga_beli"),
                rsbarang.getString("harga_jual"),
                rsbarang.getString("quantity")
            };
            tabModel.addRow(data);
        }
    }catch(Exception e){
        e.printStackTrace();
    }
}

void tblKeForm(){
    jTextFieldKdBrg.setText(tabModel.getValueAt(jTableBrg.getSelectedRow(),0)+"");
    jTextFieldNmBrg.setText(tabModel.getValueAt(jTableBrg.getSelectedRow(),1)+"");
    jTextFieldHgBeli.setText(tabModel.getValueAt(jTableBrg.getSelectedRow(),2)+"");
    jTextFieldHgJual.setText(tabModel.getValueAt(jTableBrg.getSelectedRow(),3)+"");
    jTextFieldQty.setText(tabModel.getValueAt(jTableBrg.getSelectedRow(),4)+"");
}

void kosongkanForm(){
    jTextFieldKdBrg.setText("");
    jTextFieldNmBrg.setText("");
    jTextFieldHgBeli.setText("");
    jTextFieldHgJual.setText("");
    jTextFieldQty.setText("");
}

private void jButtonSimpanActionPerformed(java.awt.event.ActionEvent evt) {
try{
    Statement stm=cn.createStatement();
    stm.executeUpdate("insert into barang set kode_barang='"+jTextFieldKdBrg.getText()+"','"+
                    "nama_barang='"+jTextFieldNmBrg.getText()+"','"+
                    "harga_beli='"+jTextFieldHgBeli.getText()+"','"+
                    "harga_jual='"+jTextFieldHgJual.getText()+"','"+
                    "quantity='"+jTextFieldQty.getText()+"'");

    kosongkanForm();
    //set Focus Kode Barang
    jTextFieldKdBrg.requestFocus();
}

```

```

        tampilData();
    }catch(Exception e){
        e.printStackTrace();
    }
}

private void jButtonHapusActionPerformed(java.awt.event.ActionEvent evt) {
try{
    Statement stm=cn.createStatement();
    stm.executeUpdate("delete from barang where kode_barang>"+
        tabModel.getValueAt(jTableBrg.getSelectedRow(),0)+"");
    tampilData();

}catch(Exception e){
    e.printStackTrace();
}
}

private void jButtonUpdateActionPerformed(java.awt.event.ActionEvent evt) {
try{
    Statement stm=cn.createStatement();
    stm.executeUpdate("update barang set kode_barang='"+jTextFieldKdBrg.getText()+"',
        "nama_barang='"+jTextFieldNmBrg.getText()+"',
        "harga_beli='"+jTextFieldHgBeli.getText()+"',
        "harga_jual='"+jTextFieldHgJual.getText()+"',
        "quantity='"+jTextFieldQty.getText()+"'where kode_barang>"+
        tabModel.getValueAt(jTableBrg.getSelectedRow(),0)+"");
    tampilData();
    kosonganForm();
}catch(Exception e){
    e.printStackTrace();
}
}

private void jTableBrgMouseClicked(java.awt.event.MouseEvent evt) {
tblKeForm();
}

private void jButtonCariActionPerformed(java.awt.event.ActionEvent evt) {
try{
    Statement stm=cn.createStatement();
    tabModel.getDataVector().removeAllElements();
    rsbarang=stm.executeQuery("select * from barang where nama_barang like
    '%"+jTextFieldCari.getText()+"%'");
    while (rsbarang.next()){
        Object [] data={rsbarang.getString("kode_barang"),
            rsbarang.getString("nama_barang"),
            rsbarang.getString("harga_beli"),
            rsbarang.getString("harga_beli"),
            rsbarang.getString("quantity"),
        };
        tabModel.addRow(data);
    }
    tampilData();
}

}catch(Exception e){
    e.printStackTrace();
}
}

```

```

}
private void jButtonMnUtmActionPerformed(java.awt.event.ActionEvent evt) {
this.dispose();
}
public static void main(String args[]) {
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(frm_barang.class.getName()).log(java.util.logging.Level.SEVERE
E, null, ex);
} catch (InstantiationException ex) {

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

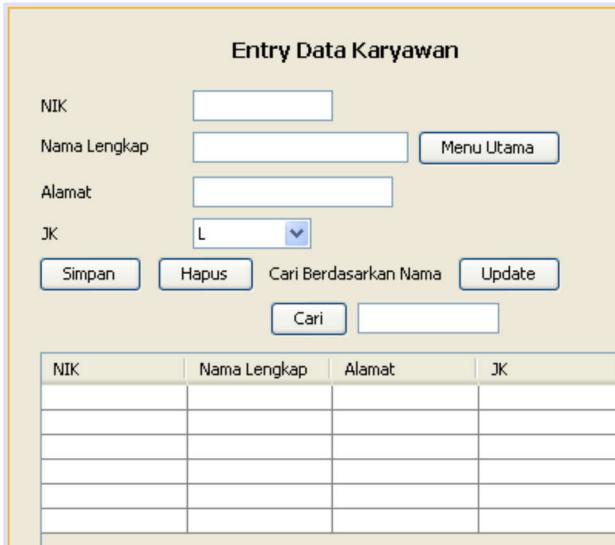
java.util.logging.Logger.getLogger(frm_barang.class.getName()).log(java.util.logging.Level.SEVERE
E, null, ex);
} catch (javax.swing.UnsupportedLookAndFeelException ex) {

java.util.logging.Logger.getLogger(frm_barang.class.getName()).log(java.util.logging.Level.SEVERE
E, null, ex);
}
}

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

```

- **Form Karyawan**



Berikut Source Codenya:

```

import java.sql.*;
import javax.swing.JComboBox;
import javax.swing.table.DefaultTableModel;

```

```

public class frm_karyawan extends javax.swing.JFrame {
    Connection cn=null;
    ResultSet rskrywn=null;
    DefaultTableModel tabModel;

    public frm_karyawan() {
        initComponents();
        konek();
    }

    void konek(){
        try{
            //aktif driver
            Class.forName("com.mysql.jdbc.Driver");
            cn=DriverManager.getConnection("jdbc:mysql://localhost/penjualan","root","");
            Object[] judul_kolom={"NIK","Nama","Alamat","JK"};
            tabModel=new DefaultTableModel(null,judul_kolom);
            jTableKaryawan.setModel(tabModel);
            tampilData();
        }catch(ClassNotFoundException e){
            e.printStackTrace();
        }catch(Exception e){
            e.printStackTrace();
        }
    }

    void tampilData(){
        try{
            Statement stm; //membuat statemen stm
            stm=cn.createStatement();
            tabModel.getDataVector().removeAllElements();
            rskrywn=stm.executeQuery("select * from karyawan");//mengambil data karyawan
            while (rskrywn.next()){
                Object[] data={rskrywn.getString("nik"),
                    rskrywn.getString("nama"),
                    rskrywn.getString("alamat"),
                    rskrywn.getString("jk")};

                };
                tabModel.addRow(data);
            }
        }catch(Exception e){
            e.printStackTrace();
        }
    }

    void kosongkanform(){
        jTextFieldNik.setText("");
        jTextFieldNm.setText("");
        jTextFieldAlamat.setText("");
        jComboBoxJk.setSelectedItem("");
    }

    private void jButtonCariActionPerformed(java.awt.event.ActionEvent evt) {
        try{
            Statement stm=cn.createStatement();
            tabModel.getDataVector().removeAllElements();

```

```

rskrywn=stm.executeQuery("select * from karyawan where nama like
'%" +jTextFieldCari.getText()+"%'");
while (rskrywn.next()){
    Object[] data={rskrywn.getString("NIK"),
                  rskrywn.getString("nama"),
                  rskrywn.getString("alamat"),
                  rskrywn.getString("jk")}
    };
    tabModel.addRow(data);
}
}catch(Exception e){
    e.printStackTrace();
}
}

private void jButtonHapusActionPerformed(java.awt.event.ActionEvent evt) {
try{
    Statement stm=cn.createStatement();
    stm.executeUpdate("delete from karyawan where nik='"++
                      tabModel.getValueAt(jTableKaryawan.getSelectedRow(),0)+"'");
    tampilData();
}catch(Exception e){
    e.printStackTrace();
}
}

private void jButtonUpdateActionPerformed(java.awt.event.ActionEvent evt) {
try{
    Statement stm=cn.createStatement();
    stm.executeUpdate("update karyawan set nik='"++jTextFieldNik.getText()+"','"++
                      "nama='"++jTextFieldNm.getText()+"','"++
                      "alamat='"++jTextFieldAlamat.getText()+"','"++
                      "jk='"++jComboBoxJk.getSelectedItem()+"'"+"where nik='"++
                      tabModel.getValueAt(jTableKaryawan.getSelectedRow(),0)+"'");
    tampilData();
    kosongkanform();
}catch(Exception e){
    e.printStackTrace();
}
}

private void jButtonSimpanActionPerformed(java.awt.event.ActionEvent evt) {
try{
    Statement stm=cn.createStatement();
    stm.executeUpdate("insert into karyawan set nik='"++jTextFieldNik.getText()+"','"++
                      "nama='"++jTextFieldNm.getText()+"','"++
                      "alamat='"++jTextFieldAlamat.getText()+"','"++
                      "jk='"++jComboBoxJk.getSelectedItem()+"'" );
    tampilData();
    kosongkanform();
}catch(Exception e){
    e.printStackTrace();
}
}

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

```

```

private void jButtonUpdateActionPerformed(java.awt.event.ActionEvent evt) {
try{
    Statement stm=cn.createStatement();
    stm.executeUpdate("update karyawan set nik='"+jTextFieldNik.getText()+"','"+
        "nama='"+jTextFieldNm.getText()+"','"++
        "alamat='"+jTextFieldAlamat.getText()+"','"++
        "jk='"+jComboBoxJk.getSelectedItem()+"'where nik='"++
        tabModel.getValueAt(jTableKaryawan.getSelectedRow(),0)+"'");
    tampilData();
    kosongkanform();
}catch(Exception e){
    e.printStackTrace();
}
}

private void jButtonSimpanActionPerformed(java.awt.event.ActionEvent evt) {
try{
    Statement stm=cn.createStatement();
    stm.executeUpdate("insert into karyawan set nik='"+jTextFieldNik.getText()+"','"++
        "nama='"+jTextFieldNm.getText()+"','"++
        "alamat='"+jTextFieldAlamat.getText()+"','"++
        "jk='"+jComboBoxJk.getSelectedItem()+"'");

    tampilData();
    kosongkanform();
}catch(Exception e){
    e.printStackTrace();
}
}

private void jTableKaryawanMouseClicked(java.awt.event.MouseEvent evt) {
jTextFieldNik.setText(tabModel.getValueAt(jTableKaryawan.getSelectedRow(),0)+"");
jTextFieldNm.setText(tabModel.getValueAt(jTableKaryawan.getSelectedRow(),1)+"");
jTextFieldAlamat.setText(tabModel.getValueAt(jTableKaryawan.getSelectedRow(),2)+"");
jComboBoxJk.setSelectedItem(tabModel.getValueAt(jTableKaryawan.getSelectedRow(),3)+"");
}

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

}

private void jButtonMnUtmActionPerformed(java.awt.event.ActionEvent evt) {
this.dispose();
this.dispose(); }

```

- **Form Pelanggan**

Entry Data Pelanggan

Kode Pelanggan	<input type="text"/>	<input type="button" value="Menu Utama"/>
Nama Lengkap	<input type="text"/>	
Alamat	<input type="text"/>	
Telp	<input type="text"/>	
<input type="button" value="Simpan"/> <input type="button" value="Hapus"/>		<input type="button" value="Cari Berdasarkan Nama"/> <input type="button" value="Update"/>
<input type="button" value="Cari"/>		<input type="text"/>

Kode Pel	Nama Lengkap	Alamat	Telp	
				↑ ↓

Berikut Source Codenya :

```

import java.sql.*;
import javax.swing.table.DefaultTableModel;
public class frm_pelanggan extends javax.swing.JFrame {

    Connection cn=null;
    ResultSet rsPelanggan=null;
    DefaultTableModel tabModel;

    public frm_pelanggan() {
        initComponents();
        konek();
    }

    void konek(){
        try{
            //aktif driver
            Class.forName("com.mysql.jdbc.Driver");
            cn=DriverManager.getConnection("jdbc:mysql://localhost/penjualan","root","");
            Object [] judul_kolom={"Kd Pelanggan","Nama","Alamat","Telp"};
            tabModel=new DefaultTableModel(null,judul_kolom);
            jTablePlg.setModel(tabModel);
            tampilData();
        }
        catch(ClassNotFoundException e){
            e.printStackTrace();
        }
        catch(Exception e){
            e.printStackTrace();
        }
    }

    void tampilData(){
        try{
            Statement stm; //buat stm
            stm=cn.createStatement();
            tabModel.getDataVector().removeAllElements();
            rsPelanggan=stm.executeQuery("select * from pelanggan");
            while(rsPelanggan.next()){

```

```

        Object [] data={rspelanggan.getString("kode_pel"),
                      rspelanggan.getString("nama_pel"),
                      rspelanggan.getString("alt_pel"),
                      rspelanggan.getString("telp_pel")};
        tabModel.addRow(data);
    }
}catch(Exception e){
    e.printStackTrace();
}
}

void kosongkanform(){
    jTextFieldKdPlg.setText("");
    jTextFieldNmPel.setText("");
    jTextFieldAltPlg.setText("");
    jTextFieldTelp.setText("");
}

private void jButtonCariActionPerformed(java.awt.event.ActionEvent evt) {
try{
    Statement stm=cn.createStatement();
    tabModel.getDataVector().removeAllElements();
    rspelanggan=stm.executeQuery("select * from pelanggan where nama_pel like
'%"+jTextFieldCari.getText()+"%'");
    while (rspelanggan.next()){
        Object[] data={rspelanggan.getString("kode_pel"),
                      rspelanggan.getString("nama_pel"),
                      rspelanggan.getString("alt_pel"),
                      rspelanggan.getString("telp_pel")
        };
        tabModel.addRow(data);
    }
}catch(Exception e){
    e.printStackTrace();
}
}

private void jTablePlgMouseClicked(java.awt.event.MouseEvent evt) {
jTextFieldKdPlg.setText(tabModel.getValueAt(jTablePlg.getSelectedRow(),0)+"");
jTextFieldNmPel.setText(tabModel.getValueAt(jTablePlg.getSelectedRow(),1)+"");
jTextFieldAltPlg.setText(tabModel.getValueAt(jTablePlg.getSelectedRow(),2)+"");
jTextFieldTelp.setText(tabModel.getValueAt(jTablePlg.getSelectedRow(),3)+"");
}

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

}

private void jButtonUpdateActionPerformed(java.awt.event.ActionEvent evt) {
try{
    Statement stm=cn.createStatement();
    stm.executeUpdate("update karyawan set kode_pel='"+jTextFieldKdPlg.getText()+"'"+
                     "nama_pel='"+jTextFieldNmPel.getText()+"'"+
                     "alt_pel='"+jTextFieldAltPlg.getText()+"'"+
                     "telp_pel='"+jTextFieldTelp.getText()+"'where kode_pel='"+
                     tabModel.getValueAt(jTablePlg.getSelectedRow(),0)+"'");
    tampilData();
    kosongkanform();
}catch(Exception e){
    e.printStackTrace();
}
}

```

```

}
}

private void jButtonSimpanActionPerformed(java.awt.event.ActionEvent evt) {
try{
    Statement stm=cn.createStatement();
    stm.executeUpdate("insert into pelanggan set kode_pel='"+jTextFieldKdPlg.getText()+"','"+
    "nama_pel='"+jTextFieldNmPel.getText()+"','"+
    "alt_pel='"+jTextFieldAltPlg.getText()+"','"+
    "telp_pel='"+jTextFieldTelp.getText()+"'");

    tampilData();
    kosongkanform();
}catch(Exception e){
    e.printStackTrace();
}
}

private void jButtonHapusActionPerformed(java.awt.event.ActionEvent evt) {
try{
    Statement stm=cn.createStatement();
    stm.executeUpdate("delete from pelanggan where kode_pel="+
        tabModel.getValueAt(jTablePlg.getSelectedRow(),0)+"");
    tampilData();
}catch(Exception e){
    e.printStackTrace();
}
}

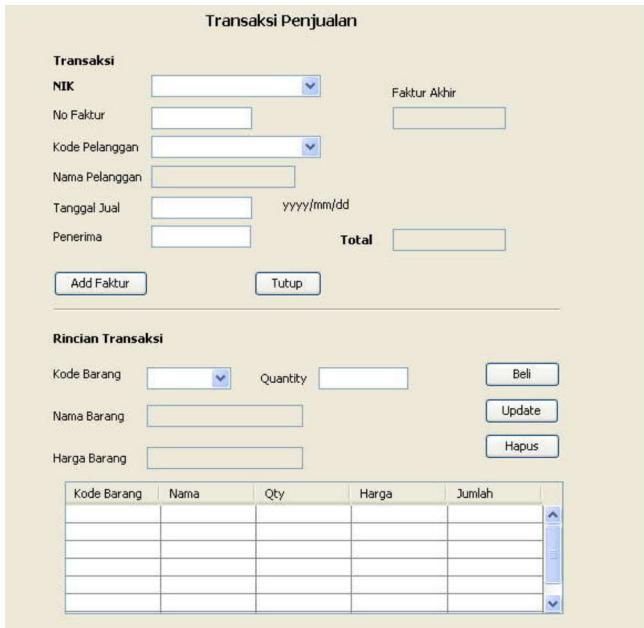
private void jTextFieldTelpKeyPressed(java.awt.event.KeyEvent evt) {

}

private void jButtonMnUtmActionPerformed(java.awt.event.ActionEvent evt) {
this.dispose();
this.dispose();  }

```

- **Form Penjualan**



Berikut Source Codenya :

```

import java.sql.*;
import javax.swing.table.DefaultTableModel;
public class frm_penjualan extends javax.swing.JFrame {
    Connection cn=null;
    ResultSet rstransaksi=null;
    DefaultTableModel tabModelTransaksi;

    ResultSet rsfaktur=null;
    ResultSet rsFktr=null;
    DefaultTableModel tabModelFaktur;

    ResultSet rssma=null;

    public frm_penjualan() {
        initComponents();
        koneksi();
        comboNik();
        comboPlg();
        comboBrg();
        jTextFieldTtlFktr.setText("0");
        fakturakhir();
    }
    void koneksi(){
        try{
            //aktifkan driver
            Class.forName("com.mysql.jdbc.Driver");
            cn=DriverManager.getConnection("jdbc:mysql://localhost/penjualan","root","");
            Object[] judul_kolom = {"Kode Barang","Nama Barang","Harga","Qty","Jumlah"};
            tabModelTransaksi=new DefaultTableModel(null,judul_kolom);
            jTableRincian.setModel(tabModelTransaksi);

        }catch(ClassNotFoundException e){
            e.printStackTrace();
        }catch(Exception e){
            e.printStackTrace();
        }
    }
    void comboNik(){
        try {
            Statement stmCbNik;
            stmCbNik=cn.createStatement();
            rsfaktur=stmCbNik.executeQuery("select * from karyawan");
            while(rsfaktur.next()){
                jComboBoxNikFktr.addItem(rsfaktur.getString("nik"));

            }
            rsfaktur.close();
            stmCbNik.close();

        }catch(Exception e){
            e.printStackTrace();
        }
    }

    void comboPlg(){
}

```

```

try {
    Statement stmCbPlg;
    stmCbPlg=cn.createStatement();
    rsfaktur=stmCbPlg.executeQuery("select * from pelanggan");
    while(rsfaktur.next()){
        jComboBoxKdPelFktr.addItem(rsfaktur.getString("kode_pel"));
    }
    rsfaktur.close();
    stmCbPlg.close();
}catch(Exception e){
    e.printStackTrace();
}
}

void comboBrg(){
try{
    Statement stmCbBrg;
    stmCbBrg=cn.createStatement();
    rtransaksi=stmCbBrg.executeQuery("select * from barang");
    while(rtransaksi.next()){
        jComboBoxKdBrg.addItem(rtransaksi.getString("kode_barang"));

    }
    rtransaksi.close();
    stmCbBrg.close();

}catch(Exception e){
    e.printStackTrace();
}
}

void fakturakhir(){
try{
    Statement stm;
    stm=cn.createStatement();
    rssma=stm.executeQuery("select no_faktur from faktur where no_faktur=(select
max(no_faktur)from faktur)");
    while(rssma.next()){
        jTextFieldAkhrFktr.setText(rssma.getString("no_faktur"));
    }

}catch(Exception e){
    e.printStackTrace();
}
}

void tampilrincian(){
try{
    Statement stmr;
    stmr=cn.createStatement();
    tabModelTransaksi.getDataVector().removeAllElements();
    rtransaksi=stmr.executeQuery("select
trans_jual.no_faktur,trans_jual.qty_jual,trans_jual.kode_barang,barang.nama_barang,barang.h
arga_jual,(barang.harga_jual*trans_jual.qty_jual)as jumlah from trans_jual inner join barang on
barang.kode_barang=trans_jual.kode_barang where
no_faktur='"+jTextFieldNoFktr.getText()+"'");
    while(rtransaksi.next()){
        Object[] data={rtransaksi.getString("kode_barang"),

```

```

        rstransaksi.getString("nama_barang"),
        rstransaksi.getString("harga_jual"),
        rstransaksi.getString("qty_jual"),
        rstransaksi.getString("jumlah")
    };
    tabModelTransaksi.addRow(data);
}

}catch(Exception e){
    e.printStackTrace();
}

}

private void jButtonHpsBrgActionPerformed(java.awt.event.ActionEvent evt) {
try{
    Statement stmr;
    stmr=cn.createStatement();
    stmr.executeUpdate("delete from trans_jual where
kode_barang='"+tabModelTransaksi.getValueAt(jTableRincian.getSelectedRow(),0)+"'");
    tampilrincian();
}catch(Exception e){
    e.printStackTrace();
}
}

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

private void jTableRincianMouseClicked(java.awt.event.MouseEvent evt) {
jComboBoxKdBrg.setSelectedItem(tabModelTransaksi.getValueAt(jTableRincian.getSelectedRow()
(),0));
jTextFieldQty.setText(tabModelTransaksi.getValueAt(jTableRincian.getSelectedRow(),3)+"");
}

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

private void jButtonUpdateBrgActionPerformed(java.awt.event.ActionEvent evt) {
try{
    Statement stmr;
    stmr=cn.createStatement();
    stmr.executeUpdate("update trans_jual set
kode_barang='"+jComboBoxKdBrg.getSelectedItem()+"',
qty_jual='"+jTextFieldQty.getText()+"' where
no_faktur='"+jTextFieldNoFktr.getText()+"' and kode_barang
='"+jComboBoxKdBrg.getSelectedItem()+"';
    tampilrincian();
//hapus view rincian
    try{
        Statement stm;
        stm=cn.createStatement();
        stm.executeUpdate("drop view rincian");
    }catch(Exception e){
}
}
}

```

```

        e.printStackTrace();
    }

    //buat view rincian nested query
    try{
        Statement stm;
        stm=cn.createStatement();
        stm.executeUpdate("create view rincian as select
trans_jual.no_faktur,trans_jual.qty_jual,trans_jual.kode_barang,barang.nama_barang,barang.h
arga_jual,(barang.harga_jual*trans_jual.qty_jual)as jumlah from trans_jual inner join barang on
barang.kode_barang=trans_jual.kode_barang where
no_faktur='"+jTextFieldNoFktr.getText()+"'");

        }catch(Exception e){
        e.printStackTrace();

    }
    //nested query
    try{
        Statement stm;
        stm=cn.createStatement();
        rtransaksi=stm.executeQuery("select sum(jumlah) as total from rincian");
        while (rtransaksi.next()){
            jTextFieldTtlFktr.setText(rtransaksi.getString("total"));
        }
        }catch(Exception e){
        e.printStackTrace();
    }
    }catch(Exception e){
    e.printStackTrace();
}
}

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

private void jButtonAddFktrActionPerformed(java.awt.event.ActionEvent evt) {
try{
    Statement stm=cn.createStatement();
    stm.executeUpdate("insert into faktur set no_faktur='"+jTextFieldNoFktr.getText()+"','"+
    "kode_pelanggan='"+jComboBoxKdPelFktr.getSelectedItem()+"','"++
    "tgl_jual='"+jTextFieldTglFktr.getText()+"','"++
    "total_jual='"+jTextFieldTtlFktr.getText()+"','"++
    "nik='"+jComboBoxNikFktr.getSelectedItem()+"','"++
    "Penerima='"+jTextFieldPnrmFktr.getText()+"'");

    jTextFieldQty.requestFocus();

}catch(Exception e){
    e.printStackTrace();
}
}

private void jButtonBeliBrgActionPerformed(java.awt.event.ActionEvent evt) {
try{

```

```

Statement stm=cn.createStatement();
stm.executeUpdate("insert into trans_jual set no_faktur='"+jTextFieldNoFktr.getText()+"','"++
"kode_barang='"+jComboBoxKdBrg.getSelectedItem()+"',"+
"qty_jual='"+jTextFieldQty.getText()+"');

tampilrincian();
//hapus view rincian
try{
    Statement stmr;
    stmr=cn.createStatement();
    stmr.executeUpdate("drop view rincian");
}catch(Exception e){
    e.printStackTrace();
}

//buat view rincian nested query
try{
    Statement stmr;
    stmr=cn.createStatement();
    stmr.executeUpdate("create view rincian as select
trans_jual.no_faktur,trans_jual.qty_jual,trans_jual.kode_barang,barang.nama_barang,barang.h
arga_jual,(barang.harga_jual*trans_jual.qty_jual)as jumlah from trans_jual inner join barang on
barang.kode_barang=trans_jual.kode_barang where
no_faktur='"+jTextFieldNoFktr.getText()+"'");

}catch(Exception e){
    e.printStackTrace();
}

}

//nested query
try{
    Statement stmr;
    stmr=cn.createStatement();
    rtransaksi=stmr.executeQuery("select sum(jumlah) as total from rincian");
    while (rtransaksi.next()){
        jTextFieldTtlFktr.setText(rtransaksi.getString("total"));
    }
}catch(Exception e){
    e.printStackTrace();
}

//Update Total_jual ke tabel faktur
try{
    Statement stmr;
    stmr=cn.createStatement();
    stmr.executeUpdate("update faktur set total_jual='"+jTextFieldTtlFktr.getText()+"' where
no_faktur='"+jTextFieldNoFktr.getText()+"'");
}catch(Exception e){
    e.printStackTrace();
}

}

}catch(Exception e){
    e.printStackTrace();
}
}

```

```

}

private void jComboBoxKdBrgItemStateChanged(java.awt.event.ItemEvent evt) {
try{
    Statement stm=cn.createStatement();
    rssma=stm.executeQuery("select nama_barang,harga_jual from barang where
kode_barang='"+jComboBoxKdBrg.getSelectedItem()+"'");
    while(rssma.next()){
        jTextFieldNmBrg.setText(rssma.getString("nama_barang"));
        jTextFieldHrgBrg.setText(rssma.getString("harga_jual"));
    }

}catch(Exception e){
    e.printStackTrace();
}
}

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

private void jComboBoxKdPelFktrItemStateChanged(java.awt.event.ItemEvent evt) {
try{
    Statement stm=cn.createStatement();
    rssma=stm.executeQuery("select nama_pel from pelanggan where
kode_pel='"+jComboBoxKdPelFktr.getSelectedItem()+"'");
    while(rssma.next()){
        jTextFieldNmPelFktr.setText(rssma.getString("nama_pel"));
    }

}catch(Exception e){
    e.printStackTrace();
}
}

private void jButtonMnUtmActionPerformed(java.awt.event.ActionEvent evt) {
this.dispose();
this.dispose();  }

```