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### Tugas PBO Minggu 12

#### ❖ KoneksiMysql -> Penjualan.java

```
/*
 * Click nbfs://nbhost/SystemFileSystem/Templates/Licenses/license-default.txt to change this license
 * Click nbfs://nbhost/SystemFileSystem/Templates/Classes/Main.java to edit this template
 */
package penjualan;

import java.sql.Connection;
import java.sql.DriverManager;
import java.sql.SQLException;

/**
 *
 * @author asus
 */
public class Penjualan {

    String url, usr, pwd, dbn;

    public Penjualan (String dbn){

        this.url = "jdbc:mysql://localhost/" + dbn;

        this.usr = "root";

        this.pwd = "";

    }

    public Penjualan (String host, String user, String pass, String dbn){

        this.url = "jdbc:mysql://" + host + "/" + dbn;

        this.usr = user;

        this.pwd = pass;

    }

}
```

```

public Connection getConnection() {
    Connection con = null;
    try {
        //Class.forName("com.mysql.jdbc.Driver");
        Class.forName("com.mysql.cj.jdbc.Driver");
        con = DriverManager.getConnection(this.url, this.usr, this.pwd);
    }
    catch (ClassNotFoundException e){
        System.out.println ("Error #1 : " + e.getMessage());
        System.exit(0);
    }
    catch (SQLException e){
        System.out.println("Error #2 : " + e.getMessage());
        System.exit(0);
    }
    return con;
}

/**
 * @param args the command line arguments
 */
public static void main(String[] args) {
    Penjualan kon = new Penjualan ("penjualan");
    Connection c = kon.getConnection();
    // TODO code application logic here
}

}

```

## ❖ frmBarang -> DataBarang

```
/*
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 * Click nbfs://nbhost/SystemFileSystem/Templates/GUIForms/JFrame.java to edit this template
 */
package penjualan;

import java.sql.Connection;
import java.sql.Statement;
import javax.swing.JComboBox;
import javax.swing.JOptionPane;
import java.sql.ResultSet;
import java.sql.ResultSetMetaData;
import javax.swing.table.DefaultTableModel;
import java.sql.SQLException;

/**
 *
 * @author asus
 */
public class DataBarang extends javax.swing.JFrame {

    Connection Con;

    ResultSet Rsbrg;

    Statement stm;

    Boolean ada = false;

    String sSatuan;

    Boolean edit=false;
```

```

private Object[][] dataTable = null;

private String[] header = {"Kode", "Nama Barang", "Satuan", "Harga_jual", "Harga_beli", "Stok", "Stok
Min"};

private ResultSet RsBrg;

/**
 * Creates new form DataBarang
 */
public DataBarang() {
    initComponents();
    open_db();
    baca_data();
    aktif(false);
    setTombol(true);
}

/**
 * This method is called from within the constructor to initialize the form.
 * WARNING: Do NOT modify this code. The content of this method is always
 * regenerated by the Form Editor.
 */
@SuppressWarnings("unchecked")
// <editor-fold defaultstate="collapsed" desc="Generated Code">
private void initComponents() {

    jPanel1 = new javax.swing.JPanel();
    jLabel1 = new javax.swing.JLabel();
    jPanel3 = new javax.swing.JPanel();
    Kode = new javax.swing.JLabel();

```

```
jSeparator1 = new javax.swing.JSeparator();

Nama = new javax.swing.JLabel();

Satuan = new javax.swing.JLabel();

Stok = new javax.swing.JLabel();

Harga = new javax.swing.JLabel();

StokMin = new javax.swing.JLabel();

txtKode = new javax.swing.JTextField();

txtNama = new javax.swing.JTextField();

cmbSatuan = new javax.swing.JComboBox<>();

txtHarga_beli = new javax.swing.JTextField();

txtStok = new javax.swing.JTextField();

txtStokMin = new javax.swing.JTextField();

jScrollPane1 = new javax.swing.JScrollPane();

tblBrg = new javax.swing.JTable();

cmdTambah = new javax.swing.JButton();

cmdSimpan = new javax.swing.JButton();

cmdKoreksi = new javax.swing.JButton();

cmdHapus = new javax.swing.JButton();

cmdBatal = new javax.swing.JButton();

cmdKeluar = new javax.swing.JButton();

Harga_beli = new javax.swing.JLabel();

txtHarga_jual = new javax.swing.JTextField();


setDefaultCloseOperation(javax.swing.WindowConstants.EXIT_ON_CLOSE);


jLabel1.setFont(new java.awt.Font("Segoe UI", 0, 18)); // NOI18N
jLabel1.setText("Data Barang");


jPanel3.setBackground(new java.awt.Color(102, 102, 102));
```

```
javax.swing.GroupLayout jPanel3Layout = new javax.swing.GroupLayout(jPanel3);
jPanel3.setLayout(jPanel3Layout);
jPanel3Layout.setHorizontalGroup(
    jPanel3Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addGap(0, 0, Short.MAX_VALUE)
);
jPanel3Layout.setVerticalGroup(
    jPanel3Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addGap(0, 0, Short.MAX_VALUE)
);

Kode.setText("Kode Barang");

jSeparator1.setBackground(new java.awt.Color(153, 204, 255));

Nama.setText("Nama Barang");

Satuan.setText("Satuan");

Stok.setText("Stok");

Harga.setText("Harga jual");

StokMin.setText("Stok Minimal");

txtKode.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        txtKodeActionPerformed(evt);
    }
});
```

```
    }  
});
```

```
txtNama.addActionListener(new java.awt.event.ActionListener() {  
    public void actionPerformed(java.awt.event.ActionEvent evt) {  
        txtNamaActionPerformed(evt);  
    }  
});
```

```
cmbSatuan.setModel(new javax.swing.DefaultComboBoxModel<>(new String[] { "Kilogram",  
"Gram", "Buah", "Liter" }));
```

```
cmbSatuan.addActionListener(new java.awt.event.ActionListener() {  
    public void actionPerformed(java.awt.event.ActionEvent evt) {  
        cmbSatuanActionPerformed(evt);  
    }  
});
```

```
txtHarga_beli.addActionListener(new java.awt.event.ActionListener() {  
    public void actionPerformed(java.awt.event.ActionEvent evt) {  
        txtHarga_beliActionPerformed(evt);  
    }  
});
```

```
txtStok.addActionListener(new java.awt.event.ActionListener() {  
    public void actionPerformed(java.awt.event.ActionEvent evt) {  
        txtStokActionPerformed(evt);  
    }  
});
```

```
txtStokMin.addActionListener(new java.awt.event.ActionListener() {  
    public void actionPerformed(java.awt.event.ActionEvent evt) {  
        txtStokMinActionPerformed(evt);  
    }  
});
```

```
tblBrg.setModel(new javax.swing.table.DefaultTableModel(  
    new Object [][] {  
        {null, null, null, null, null, null},  
        {null, null, null, null, null, null},  
        {null, null, null, null, null, null},  
        {null, null, null, null, null, null}  
    },  
    new String [] {  
        "Kode Barang", "Nama Barang", "Satuan", "Harga", "Stok", "Stok Minimal"  
    }  
));  
jScrollPane1.setViewportView(tblBrg);
```

```
cmdTambah.setText("Tambah");  
cmdTambah.addActionListener(new java.awt.event.ActionListener() {  
    public void actionPerformed(java.awt.event.ActionEvent evt) {  
        cmdTambahActionPerformed(evt);  
    }  
});
```

```
cmdSimpan.setText("Simpan");  
cmdSimpan.addActionListener(new java.awt.event.ActionListener() {  
    public void actionPerformed(java.awt.event.ActionEvent evt) {
```



```
        cmdSimpanActionPerformed(evt);  
    }  
});
```

```
cmdKoreksi.setText("Koreksi");  
cmdKoreksi.addActionListener(new java.awt.event.ActionListener() {  
    public void actionPerformed(java.awt.event.ActionEvent evt) {  
        cmdKoreksiActionPerformed(evt);  
    }  
});
```

```
cmdHapus.setText("Hapus");  
cmdHapus.addActionListener(new java.awt.event.ActionListener() {  
    public void actionPerformed(java.awt.event.ActionEvent evt) {  
        cmdHapusActionPerformed(evt);  
    }  
});
```

```
cmdBatal.setText("Batal");  
cmdBatal.addActionListener(new java.awt.event.ActionListener() {  
    public void actionPerformed(java.awt.event.ActionEvent evt) {  
        cmdBatalActionPerformed(evt);  
    }  
});
```

```
cmdKeluar.setText("Keluar");  
cmdKeluar.addActionListener(new java.awt.event.ActionListener() {  
    public void actionPerformed(java.awt.event.ActionEvent evt) {  
        cmdKeluarActionPerformed(evt);  
    }  
});
```

$$\} \\ \}));$$

```
Harga_beli.setText("Harga beli");
```

```
txtHarga_jual.addActionListener(new java.awt.event.ActionListener() {  
    public void actionPerformed(java.awt.event.ActionEvent evt) {  
        txtHarga_jualActionPerformed(evt);  
    }  
});
```

```
javax.swing.GroupLayout jPanel1Layout = new javax.swing.GroupLayout(jPanel1);  
jPanel1.setLayout(jPanel1Layout);  
jPanel1Layout.setHorizontalGroup(  
    jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)  
        .addGroup(jPanel1Layout.createSequentialGroup()  
            .addGap(10, 10, 10)  
            .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)  
                .add(jPanel1Layout.createSequentialGroup()  
                    .addComponent(jScrollPane1)  
                    .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)  
                    .addComponent(txtCode, javax.swing.GroupLayout.PREFERRED_SIZE,  
                        javax.swing.GroupLayout.PREFERRED_SIZE)  
                    .addContainerGap(10, Short.MAX_VALUE))  
                .addGroup(jPanel1Layout.createSequentialGroup()  
                    .addPreferredGap(10, javax.swing.GroupLayout.PREFERRED_SIZE,  
                        javax.swing.GroupLayout.PREFERRED_SIZE)  
                    .addComponent(txtKode, javax.swing.GroupLayout.PREFERRED_SIZE,  
                        javax.swing.GroupLayout.PREFERRED_SIZE)  
                    .addContainerGap(10, Short.MAX_VALUE))  
            )  
        )  
);
```

```

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
    .addComponent(Satuan, javax.swing.GroupLayout.PREFERRED_SIZE, 83,
javax.swing.GroupLayout.PREFERRED_SIZE)
    .addComponent(Harga, javax.swing.GroupLayout.PREFERRED_SIZE, 83,
javax.swing.GroupLayout.PREFERRED_SIZE))
.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
    .addComponent(cmbSatuan, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)
    .addComponent(txtHarga_jual, javax.swing.GroupLayout.PREFERRED_SIZE, 71,
javax.swing.GroupLayout.PREFERRED_SIZE)))
.addGap(444, 444, 444)

.addComponent(jPanel3, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE))
.addGroup(jPanel1Layout.createSequentialGroup())

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
    .addComponent(jLabel1, javax.swing.GroupLayout.PREFERRED_SIZE, 119,
javax.swing.GroupLayout.PREFERRED_SIZE)
    .addGroup(jPanel1Layout.createSequentialGroup()
        .addComponent>Nama, javax.swing.GroupLayout.PREFERRED_SIZE, 83,
javax.swing.GroupLayout.PREFERRED_SIZE)
        .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
        .addComponent(txtNama, javax.swing.GroupLayout.PREFERRED_SIZE, 71,
javax.swing.GroupLayout.PREFERRED_SIZE)))
    .addGap(0, 0, Short.MAX_VALUE))
    .addComponent(jSeparator1))
.addContainerGap())
.addGroup(jPanel1Layout.createSequentialGroup())
    .addGap(22, 22, 22)

```

```
.addComponent(cmdTambah, javax.swing.GroupLayout.PREFERRED_SIZE, 75,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addGap(18, 18, 18)

.addComponent(cmdSimpan, javax.swing.GroupLayout.PREFERRED_SIZE, 75,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addGap(18, 18, 18)

.addComponent(cmdKoreksi, javax.swing.GroupLayout.PREFERRED_SIZE, 75,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addGap(18, 18, 18)

.addComponent(cmdHapus, javax.swing.GroupLayout.PREFERRED_SIZE, 75,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addGap(18, 18, 18)

.addComponent(cmdBatal, javax.swing.GroupLayout.PREFERRED_SIZE, 75,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addGap(18, 18, 18)

.addComponent(cmdKeluar, javax.swing.GroupLayout.PREFERRED_SIZE, 75,
javax.swing.GroupLayout.PREFERRED_SIZE)

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

.addGroup(jPanel1Layout.createSequentialGroup())

.addContainerGap()

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

.addGroup(jPanel1Layout.createSequentialGroup())

.addComponent(StokMin, javax.swing.GroupLayout.PREFERRED_SIZE, 83,
javax.swing.GroupLayout.PREFERRED_SIZE)

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

.addComponent(txtStokMin, javax.swing.GroupLayout.PREFERRED_SIZE, 71,
javax.swing.GroupLayout.PREFERRED_SIZE))

.addGroup(jPanel1Layout.createSequentialGroup())

.addComponent(Stok, javax.swing.GroupLayout.PREFERRED_SIZE, 83,
javax.swing.GroupLayout.PREFERRED_SIZE)

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

```

        .addComponent(txtStok, javax.swing.GroupLayout.PREFERRED_SIZE, 71,
javax.swing.GroupLayout.PREFERRED_SIZE))

        .addGroup(jPanel1Layout.createSequentialGroup())

        .addComponent(Harga_beli, javax.swing.GroupLayout.PREFERRED_SIZE, 83,
javax.swing.GroupLayout.PREFERRED_SIZE)

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

        .addComponent(txtHarga_beli, javax.swing.GroupLayout.PREFERRED_SIZE, 71,
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())

        .addContainerGap()

        .addComponent(jLabel1)

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

        .addComponent(jSeparator1, javax.swing.GroupLayout.PREFERRED_SIZE, 8,
javax.swing.GroupLayout.PREFERRED_SIZE)

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

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

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

            .addComponent(Kode))

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

            .addGroup(jPanel1Layout.createSequentialGroup())

            .addGap(56, 56, 56)

            .addComponent(jPanel3, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE))

        .addGroup(jPanel1Layout.createSequentialGroup())

        .addGap(6, 6, 6)

```

```

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
    .addComponent>Nama)
    .addComponent(txtNama, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE))
    .addGap(9, 9, 9)

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
    .addComponent(cmbSatuan, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)
    .addComponent(Satuan))))
    .addGap(15, 15, 15)
    .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
        .addComponent(Harga)
        .addComponent(txtHarga_jual, 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.BASELINE)
            .addComponent(Harga_beli)
            .addComponent(txtHarga_beli, 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)
            .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
                .addComponent(Stok, javax.swing.GroupLayout.Alignment.TRAILING)
                .addComponent(txtStok, javax.swing.GroupLayout.Alignment.TRAILING,
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(StokMin)

```

```

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

        .addGap(18, 18, 18)

        .addComponent(jScrollPane1, javax.swing.GroupLayout.PREFERRED_SIZE, 90,
javax.swing.GroupLayout.PREFERRED_SIZE)

        .addGap(18, 18, 18)

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

        .addComponent(cmdTambah)

        .addComponent(cmdSimpan)

        .addComponent(cmdKoreksi)

        .addComponent(cmdHapus)

        .addComponent(cmdBatal)

        .addComponent(cmdKeluar))

        .addGap(10, 10, 10))
);

```

```

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

layout.setHorizontalGroup(

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

    .addGroup(layout.createSequentialGroup()

        .addContainerGap()

        .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)

    .addGroup(layout.createSequentialGroup()

        .addContainerGap()

```

```

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

        .addContainerGap())

    );

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

```

```

private void setField(){
    int row=tblBrg.getSelectedRow();
    txtKode.setText((String)tblBrg.getValueAt(row,0));
    txtNama.setText((String)tblBrg.getValueAt(row,1));
    cmbSatuan.setSelectedItem((String)tblBrg.getValueAt(row,2));
    String harga = Double.toString((Double)tblBrg.getValueAt(row,3));
    txtHarga_jual.setText(harga);
    txtHarga_beli.setText(harga);
    String stok=Integer.toString((Integer)tblBrg.getValueAt(row,4));
    txtStok.setText(stok);
    String stokmin=Integer.toString((Integer)tblBrg.getValueAt(row,5));
    txtStokMin.setText(stokmin);
}

```

```

private Void open_db(){
    try {
        Penjualan kon = new Penjualan("localhost","root","","penjualan");
        Con = kon.getConnection();
    }
    catch (Exception e){
        System.out.println("Error : " +e);
    }
}

```



```

    }

    return null;
}

private void baca_data(){
    try {
        stm = Con.createStatement(ResultSet.TYPE_SCROLL_INSENSITIVE,
        ResultSet.CONCUR_READ_ONLY);

        RsBrg = stm.executeQuery("select * from tb_penjualan");

        ResultSetMetaData meta = RsBrg.getMetaData();
        int col = meta.getColumnCount();
        int baris = 0;
        while (RsBrg.next()){
            baris = RsBrg.getRow();
        }

        dataTable = new Object[baris][col];
        int x = 0;
        RsBrg.beforeFirst();
        while(RsBrg.next()){
            dataTable[x][0] = RsBrg.getString("kd_brg");
            dataTable[x][1] = RsBrg.getString("nm_brg");
            dataTable[x][2] = RsBrg.getString("satuan");
            dataTable[x][3] = RsBrg.getDouble("harga_jual");
            dataTable[x][4] = RsBrg.getDouble("harga_beli");
            dataTable[x][5] = RsBrg.getInt("stok");
            dataTable[x][6] = RsBrg.getInt("stok_min");
            x++;
        }
    }
}

```

```
    }  
    tblBrg.setModel(new DefaultTableModel(dataTable,header));  
}  
catch(SQLException e){  
    JOptionPane.showMessageDialog(null, e);  
}  
}
```

```
private void kosong(){  
    txtKode.setText("");  
    txtNama.setText("");  
    txtHarga_jual.setText("");  
    txtHarga_beli.setText("");  
    txtStok.setText("");  
    txtStokMin.setText("");  
}
```

```
private void aktif(boolean x){  
    txtKode.setEditable(x);  
    txtNama.setEditable(x);  
    //cmbSatuan.setEditable(x);  
    cmbSatuan.setEnabled(x);  
    txtHarga_jual.setEditable(x);  
    txtHarga_beli.setEditable(x);  
    txtStok.setEditable(x);  
    txtStokMin.setEditable(x);  
}
```

```
private void setTombol(boolean t){
```

```
cmdTambah.setEnabled(t);  
cmdKoreksi.setEnabled(t);  
cmdHapus.setEnabled(t);  
cmdSimpan.setEnabled(!t);  
cmdBatal.setEnabled(!t);  
cmdKeluar.setEnabled(t);  
}
```

```
// private void tblBrgMouseClicked(java.awt.event.MouseEvent evt) {  
//     setField();  
// }
```

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

```
private void cmdTambahActionPerformed(java.awt.event.ActionEvent evt) {  
    // TODO add your handling code here:  
    aktif(true);  
    setTombol(false);  
    kosong();  
}
```

```
private void cmdSimpanActionPerformed(java.awt.event.ActionEvent evt) {  
    // TODO add your handling code here:  
    String tKode=txtKode.getText();  
    String tNama=txtNama.getText();  
    double hrg_jual=Double.parseDouble(txtHarga_jual.getText());  
    double hrg_beli=Double.parseDouble(txtHarga_beli.getText());
```

```

int stk=Integer.parseInt(txtStok.getText());

int stkMin=Integer.parseInt(txtStokMin.getText());

try{
    if (edit==true){
        stm.executeUpdate("update tb_penjualan set nm_brg='"+tNama+"',satuan='"+sSatuan+"'," +
"harga_jual='"+hrg_jual+"', harga_beli='"+hrg_beli+"',stok='"+stk+"', stok_min='"+stkMin+" where
kd_brg='"+ tKode + "'");
    }else
    {
        stm.executeUpdate("INSERT into tb_penjualan(kd_brg, nm_brg, satuan, harga_jual, harga_beli,
stok, stok_min) " +
"VALUES('"+tKode+"','"+tNama+"','"+sSatuan+"','"+hrg_jual+"','"+hrg_beli+"','"+stk+"','"+stkMin+"')");
    }

    tblBrg.setModel(new DefaultTableModel(dataTable,header));

    baca_data();

    aktif(false);

    setTombol(true);
}

catch(SQLException e) {
    JOptionPane.showMessageDialog(null, e);
}
}

```

```

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

    edit=true;

    aktif(true);

    setTombol(false);

    txtKode.setEditable(false);
}

```

```
private void cmdHapusActionPerformed(java.awt.event.ActionEvent evt) {  
    // TODO add your handling code here:  
    try{  
        String sql="delete from tb_penjualan where kd_brg='" + txtKode.getText()+ "'";  
        stm.executeUpdate(sql);  
        baca_data();  
    }  
    catch(SQLException e){  
        JOptionPane.showMessageDialog(null, e);  
    }  
}
```

```
private void cmdBatalActionPerformed(java.awt.event.ActionEvent evt) {  
    // TODO add your handling code here:  
    aktif(false);  
    setTombol(true);  
}
```

```
private void cmdKeluarActionPerformed(java.awt.event.ActionEvent evt) {  
    // TODO add your handling code here:  
    System.exit(0);  
}
```

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

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

```

// TODO add your handling code here:

JComboBox cSatuan = (javax.swing.JComboBox)evt.getSource();

//Membaca Item Yang Terpilih — > String
sSatuan = (String)cSatuan.getSelectedItem();
}

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

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

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

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

/**
 * @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(DataBarang.class.getName()).log(java.util.logging.Level.SEVERE,
            null, ex);
    } catch (InstantiationException ex) {
        java.util.logging.Logger.getLogger(DataBarang.class.getName()).log(java.util.logging.Level.SEVERE,
            null, ex);
    } catch (IllegalAccessException ex) {
        java.util.logging.Logger.getLogger(DataBarang.class.getName()).log(java.util.logging.Level.SEVERE,
            null, ex);
    } catch (javax.swing.UnsupportedLookAndFeelException ex) {
        java.util.logging.Logger.getLogger(DataBarang.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 DataBarang().setVisible(true);
    }
}

```

```
});  
}
```

```
// Variables declaration - do not modify  
private javax.swing.JLabel Harga;  
private javax.swing.JLabel Harga_beli;  
private javax.swing.JLabel Kode;  
private javax.swing.JLabel Nama;  
private javax.swing.JLabel Satuan;  
private javax.swing.JLabel Stok;  
private javax.swing.JLabel StokMin;  
private javax.swing.JComboBox<String> cmbSatuan;  
private javax.swing.JButton cmdBatal;  
private javax.swing.JButton cmdHapus;  
private javax.swing.JButton cmdKeluar;  
private javax.swing.JButton cmdKoreksi;  
private javax.swing.JButton cmdSimpan;  
private javax.swing.JButton cmdTambah;  
private javax.swing.JLabel jLabel1;  
private javax.swing.JPanel jPanel1;  
private javax.swing.JPanel jPanel3;  
private javax.swing.JScrollPane jScrollPane1;  
private javax.swing.JSeparator jSeparator1;  
private javax.swing.JTable tblBrg;  
private javax.swing.JTextField txtHarga_beli;  
private javax.swing.JTextField txtHarga_jual;  
private javax.swing.JTextField txtKode;  
private javax.swing.JTextField txtNama;  
private javax.swing.JTextField txtStok;
```



```

private javax.swing.JTextField txtStokMin;

// End of variables declaration
}

```

### ❖ Hasil Run

**Data Barang**

Kode Barang:

Nama Barang:

Satuan:

Harga jual:

Harga beli:

Stok:

Stok Minimal:

Kode	Nama Barang	Satuan	Harga_jual	Harga_beli	Stok	Stok Min
01	gula	null	0.0	0.0	9	6
02	handuk	Buah	12000.0	12500.0	6	4
03	ayam	null	15000.0	14000.0	9	2
04	mangga	null	15000.0	14000.0	10	2