Dokumentasi Praktikum PBO 12A

Mata Kuliah : PBO - TI - S1

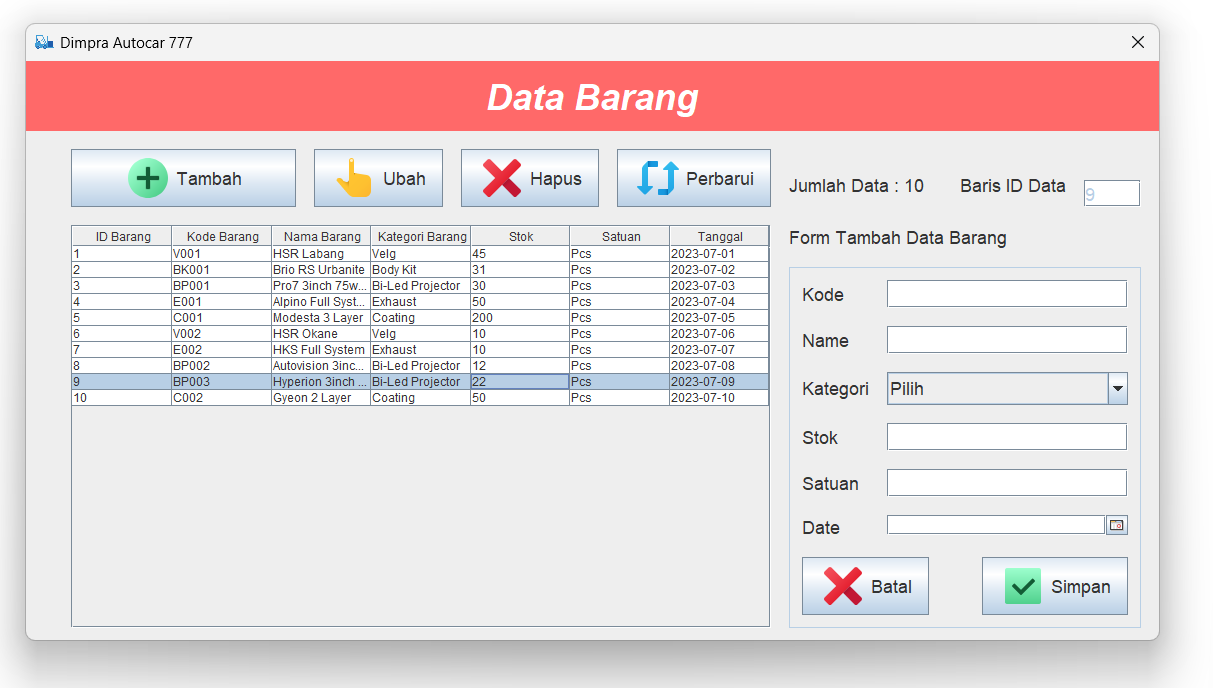
Pertemuan : 12A

NIM : A11.2021.13254

Nama : Yohanes Dimas Pratama

**Program Data Barang**

Hasil Program:



Code Program:

\*Form\_Barang.java

package inventori\_barang;

import java.awt.Color;

import java.sql.Connection;

import java.sql.PreparedStatement;

import java.sql.SQLException;

import java.text.SimpleDateFormat;

import java.util.logging.Level;

import java.util.logging.Logger;

import javax.swing.JOptionPane;

import javax.swing.table.DefaultTableModel;

import javax.swing.table.JTableHeader;

import net.proteanit.sql.DbUtils;

public class Form\_Barang extends javax.swing.JDialog {

inventori\_barang.Connection\_DB konek = new inventori\_barang.Connection\_DB();

public Form\_Barang(java.awt.Frame parent, boolean modal) {

super(parent, modal);

initComponents();

SelectKategori();

txttemp\_kode.hide();

txtid\_kategori.hide();

GetData();

BtnEnabled(false);

btnsave.setText("Simpan");

}

private void SelectKategori() {

try {

Connection conn = konek.openkoneksi();

java.sql.Statement stm = conn.createStatement();

java.sql.ResultSet rs = stm.executeQuery("SELECT \* FROM tmkategori");

cmbid\_kategori.addItem("Pilih");

while (rs.next()) {

cmbid\_kategori.addItem(rs.getString("nama"));

}

konek.closekoneksi();

} catch (SQLException e) {

JOptionPane.showMessageDialog(null, "Error " + e);

} catch (ClassNotFoundException ex) {

Logger.getLogger(Form\_Barang.class.getName()).log(Level.SEVERE, null, ex);

}

}

private void TxtEmpty() {

txtid.setText("");

txtkode.setText("");

txtnama.setText("");

txtsatuan.setText("");

txtstok.setText("");

txtid\_kategori.setText("");

txttemp\_kode.setText("");

cmbid\_kategori.setSelectedItem("Pilih");

txt\_tanggal.setDate(null);

}

private void BtnEnabled(boolean x) {

btnedit.setEnabled(x);

btndelete.setEnabled(x);

}

private void GetData() {

try {

Connection conn = konek.openkoneksi();

java.sql.Statement stm = conn.createStatement();

java.sql.ResultSet sql = stm.executeQuery("SELECT tmbarang.id, tmbarang.kode, tmbarang.nama, tmkategori.nama as kategori, tmbarang.stok, tmbarang.satuan, tmbarang.tanggal FROM tmbarang JOIN tmkategori ON tmkategori.id = tmbarang.id\_kategori");

DefaultTableModel model = (DefaultTableModel) DbUtils.resultSetToTableModel(sql);

datatable.setModel(model);

datatable.getColumnModel().getColumn(0).setPreferredWidth(7);

datatable.getColumnModel().getColumn(1).setPreferredWidth(20);

datatable.getColumnModel().getColumn(2).setPreferredWidth(90);

datatable.getColumnModel().getColumn(3).setPreferredWidth(60);

datatable.getColumnModel().getColumn(4).setPreferredWidth(40);

datatable.getColumnModel().getColumn(5).setPreferredWidth(25);

datatable.getColumnModel().getColumn(6).setPreferredWidth(40);

JTableHeader header = datatable.getTableHeader();

String[] columnNames = {"ID Barang", "Kode Barang", "Nama Barang", "Kategori Barang", "Stok", "Satuan", "Tanggal"};

header.setReorderingAllowed(false);

model.setColumnIdentifiers(columnNames);

String count\_rows = String.valueOf(model.getRowCount());

lblcount\_rows.setText("Jumlah Data : " + count\_rows);

} catch (SQLException e) {

JOptionPane.showMessageDialog(null, "Error " + e);

} catch (ClassNotFoundException ex) {

Logger.getLogger(Form\_Barang.class.getName()).log(Level.SEVERE, null, ex);

}

}

private void GetData\_View() {

int row = datatable.getSelectedRow();

String row\_id = (datatable.getModel().getValueAt(row, 0).toString());

txtid.setText(row\_id);

BtnEnabled(true);

}

@SuppressWarnings("unchecked")

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

private void initComponents() {

btnedit = new javax.swing.JButton();

panel = new javax.swing.JPanel();

jLabel1 = new javax.swing.JLabel();

btnsave = new javax.swing.JButton();

jLabel2 = new javax.swing.JLabel();

txtkode = new javax.swing.JTextField();

jLabel4 = new javax.swing.JLabel();

txtnama = new javax.swing.JTextField();

jLabel6 = new javax.swing.JLabel();

btncancel = new javax.swing.JButton();

jLabel3 = new javax.swing.JLabel();

txtstok = new javax.swing.JTextField();

cmbid\_kategori = new javax.swing.JComboBox<>();

txtsatuan = new javax.swing.JTextField();

txt\_tanggal = new com.toedter.calendar.JDateChooser();

jLabel9 = new javax.swing.JLabel();

txttemp\_kode = new javax.swing.JTextField();

jScrollPane1 = new javax.swing.JScrollPane();

datatable = new javax.swing.JTable(){

public boolean isCellEditable(int rowIndex, int colIndex) {

return false;

}

};

jLabel5 = new javax.swing.JLabel();

jScrollPane2 = new javax.swing.JScrollPane();

txtid = new javax.swing.JTextPane();

lbl\_action = new javax.swing.JLabel();

jLabel7 = new javax.swing.JLabel();

btnadd = new javax.swing.JButton();

btndelete = new javax.swing.JButton();

jPanel1 = new javax.swing.JPanel();

jLabel8 = new javax.swing.JLabel();

lblcount\_rows = new javax.swing.JLabel();

jButton1 = new javax.swing.JButton();

txtid\_kategori = new javax.swing.JTextField();

setDefaultCloseOperation(javax.swing.WindowConstants.DISPOSE\_ON\_CLOSE);

setTitle("Dimpra Autocar 777");

btnedit.setFont(new java.awt.Font("Dialog", 0, 18)); // NOI18N

btnedit.setIcon(new javax.swing.ImageIcon(getClass().getResource("/inventori\_barang/img/edit.png"))); // NOI18N

btnedit.setText("Ubah");

btnedit.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

btneditActionPerformed(evt);

}

});

panel.setBorder(javax.swing.BorderFactory.createTitledBorder(""));

panel.setForeground(new java.awt.Color(245, 245, 245));

panel.setEnabled(false);

jLabel1.setFont(new java.awt.Font("Dialog", 0, 18)); // NOI18N

jLabel1.setLabelFor(txtkode);

jLabel1.setText("Kode");

btnsave.setFont(new java.awt.Font("Dialog", 0, 18)); // NOI18N

btnsave.setIcon(new javax.swing.ImageIcon(getClass().getResource("/inventori\_barang/img/save.png"))); // NOI18N

btnsave.setText("Simpan");

btnsave.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

btnsaveActionPerformed(evt);

}

});

jLabel2.setFont(new java.awt.Font("Dialog", 0, 18)); // NOI18N

jLabel2.setLabelFor(txtnama);

jLabel2.setText("Name");

txtkode.setFont(new java.awt.Font("Dialog", 0, 18)); // NOI18N

txtkode.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

txtkodeActionPerformed(evt);

}

});

jLabel4.setFont(new java.awt.Font("Dialog", 0, 18)); // NOI18N

jLabel4.setLabelFor(txtsatuan);

jLabel4.setText("Kategori");

txtnama.setFont(new java.awt.Font("Dialog", 0, 18)); // NOI18N

txtnama.setAutoscrolls(false);

txtnama.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

txtnamaActionPerformed(evt);

}

});

txtnama.addKeyListener(new java.awt.event.KeyAdapter() {

public void keyTyped(java.awt.event.KeyEvent evt) {

txtnamaKeyTyped(evt);

}

});

jLabel6.setFont(new java.awt.Font("Dialog", 0, 18)); // NOI18N

jLabel6.setText("Satuan");

jLabel6.addKeyListener(new java.awt.event.KeyAdapter() {

public void keyTyped(java.awt.event.KeyEvent evt) {

jLabel6KeyTyped(evt);

}

});

btncancel.setFont(new java.awt.Font("Dialog", 0, 18)); // NOI18N

btncancel.setIcon(new javax.swing.ImageIcon(getClass().getResource("/inventori\_barang/img/delete.png"))); // NOI18N

btncancel.setText("Batal");

btncancel.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

btncancelActionPerformed(evt);

}

});

jLabel3.setFont(new java.awt.Font("Dialog", 0, 18)); // NOI18N

jLabel3.setText("Stok");

txtstok.setFont(new java.awt.Font("Dialog", 0, 18)); // NOI18N

txtstok.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

txtstokActionPerformed(evt);

}

});

txtstok.addKeyListener(new java.awt.event.KeyAdapter() {

public void keyTyped(java.awt.event.KeyEvent evt) {

txtstokKeyTyped(evt);

}

});

cmbid\_kategori.setFont(new java.awt.Font("Dialog", 0, 18)); // NOI18N

cmbid\_kategori.addItemListener(new java.awt.event.ItemListener() {

public void itemStateChanged(java.awt.event.ItemEvent evt) {

cmbid\_kategoriItemStateChanged(evt);

}

});

txtsatuan.setFont(new java.awt.Font("Dialog", 0, 18)); // NOI18N

jLabel9.setFont(new java.awt.Font("Dialog", 0, 18)); // NOI18N

jLabel9.setText("Date");

jLabel9.addKeyListener(new java.awt.event.KeyAdapter() {

public void keyTyped(java.awt.event.KeyEvent evt) {

jLabel9KeyTyped(evt);

}

});

javax.swing.GroupLayout panelLayout = new javax.swing.GroupLayout(panel);

panel.setLayout(panelLayout);

panelLayout.setHorizontalGroup(

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

.addGroup(panelLayout.createSequentialGroup()

.addContainerGap()

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

.addGroup(panelLayout.createSequentialGroup()

.addComponent(btncancel)

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED, javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE)

.addComponent(btnsave))

.addGroup(panelLayout.createSequentialGroup()

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

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

.addComponent(jLabel4, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE)

.addComponent(jLabel2, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE)

.addComponent(jLabel1, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE)

.addComponent(jLabel3, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE)

.addComponent(jLabel6, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE))

.addComponent(jLabel9))

.addGap(18, 18, 18)

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

.addComponent(cmbid\_kategori, 0, javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE)

.addComponent(txtnama)

.addComponent(txtstok)

.addComponent(txtsatuan, javax.swing.GroupLayout.Alignment.TRAILING)

.addComponent(txt\_tanggal, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE)

.addComponent(txtkode))))

.addContainerGap())

);

panelLayout.setVerticalGroup(

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

.addGroup(panelLayout.createSequentialGroup()

.addContainerGap()

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

.addComponent(txtkode, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addComponent(jLabel1))

.addGap(18, 18, 18)

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

.addComponent(jLabel2, javax.swing.GroupLayout.PREFERRED\_SIZE, 22, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addComponent(txtnama, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addGap(18, 18, 18)

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

.addComponent(jLabel4)

.addComponent(cmbid\_kategori, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addGap(18, 18, 18)

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

.addComponent(jLabel3)

.addComponent(txtstok, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addGap(18, 18, 18)

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

.addComponent(jLabel6)

.addComponent(txtsatuan, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addGap(18, 18, 18)

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

.addComponent(txt\_tanggal, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addComponent(jLabel9))

.addGap(18, 18, 18)

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

.addComponent(btnsave)

.addComponent(btncancel))

.addContainerGap(javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE))

);

txtsatuan.getAccessibleContext().setAccessibleDescription("");

txttemp\_kode.setFont(new java.awt.Font("Dialog", 0, 18)); // NOI18N

datatable.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},

{null, null, null, null, null, null},

{null, null, null, null, null, null},

{null, null, null, null, null, null},

{null, null, null, null, null, null},

{null, null, null, null, null, null},

{null, null, null, null, null, null},

{null, null, null, null, null, null},

{null, null, null, null, null, null},

{null, null, null, null, null, null},

{null, null, null, null, null, null},

{null, null, null, null, null, null},

{null, null, null, null, null, null},

{null, null, null, null, null, null},

{null, null, null, null, null, null},

{null, null, null, null, null, null},

{null, null, null, null, null, null},

{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 [] {

"ID", "Kode", "Nama", "Kategori", "Satuan", "Stok"

}

));

datatable.setSelectionMode(javax.swing.ListSelectionModel.SINGLE\_SELECTION);

datatable.addMouseListener(new java.awt.event.MouseAdapter() {

public void mouseClicked(java.awt.event.MouseEvent evt) {

datatableMouseClicked(evt);

}

public void mouseReleased(java.awt.event.MouseEvent evt) {

datatableMouseReleased(evt);

}

});

datatable.addKeyListener(new java.awt.event.KeyAdapter() {

public void keyPressed(java.awt.event.KeyEvent evt) {

datatableKeyPressed(evt);

}

public void keyReleased(java.awt.event.KeyEvent evt) {

datatableKeyReleased(evt);

}

});

jScrollPane1.setViewportView(datatable);

jLabel5.setFont(new java.awt.Font("Lucida Grande", 0, 24)); // NOI18N

txtid.setBorder(null);

txtid.setFont(new java.awt.Font("Dialog", 0, 18)); // NOI18N

txtid.setForeground(new java.awt.Color(43, 152, 240));

txtid.setToolTipText("");

txtid.setCursor(new java.awt.Cursor(java.awt.Cursor.TEXT\_CURSOR));

txtid.setEnabled(false);

txtid.setFocusable(false);

jScrollPane2.setViewportView(txtid);

lbl\_action.setFont(new java.awt.Font("Dialog", 0, 18)); // NOI18N

lbl\_action.setText("Form Tambah Data Barang");

jLabel7.setFont(new java.awt.Font("Dialog", 0, 18)); // NOI18N

jLabel7.setLabelFor(txtid);

jLabel7.setText("Baris ID Data");

btnadd.setFont(new java.awt.Font("Dialog", 0, 18)); // NOI18N

btnadd.setIcon(new javax.swing.ImageIcon(getClass().getResource("/inventori\_barang/img/add.png"))); // NOI18N

btnadd.setText("Tambah");

btnadd.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

btnaddActionPerformed(evt);

}

});

btndelete.setFont(new java.awt.Font("Dialog", 0, 18)); // NOI18N

btndelete.setIcon(new javax.swing.ImageIcon(getClass().getResource("/inventori\_barang/img/delete.png"))); // NOI18N

btndelete.setText("Hapus");

btndelete.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

btndeleteActionPerformed(evt);

}

});

jPanel1.setBackground(new java.awt.Color(255, 105, 105));

jLabel8.setFont(new java.awt.Font("Dialog", 3, 36)); // NOI18N

jLabel8.setForeground(new java.awt.Color(255, 255, 255));

jLabel8.setHorizontalAlignment(javax.swing.SwingConstants.CENTER);

jLabel8.setText("Data Barang");

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

jPanel1.setLayout(jPanel1Layout);

jPanel1Layout.setHorizontalGroup(

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

.addComponent(jLabel8, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE)

);

jPanel1Layout.setVerticalGroup(

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

.addComponent(jLabel8, javax.swing.GroupLayout.DEFAULT\_SIZE, 70, Short.MAX\_VALUE)

);

lblcount\_rows.setFont(new java.awt.Font("Lucida Grande", 0, 18)); // NOI18N

lblcount\_rows.setText("Jumlah Data");

jButton1.setFont(new java.awt.Font("Dialog", 0, 18)); // NOI18N

jButton1.setIcon(new javax.swing.ImageIcon(getClass().getResource("/inventori\_barang/img/refresh.png"))); // NOI18N

jButton1.setText("Perbarui");

jButton1.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

jButton1ActionPerformed(evt);

}

});

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)

.addGroup(layout.createSequentialGroup()

.addContainerGap(javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE)

.addComponent(jLabel5)

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

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING, false)

.addComponent(jScrollPane1, javax.swing.GroupLayout.PREFERRED\_SIZE, 700, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addGroup(layout.createSequentialGroup()

.addComponent(btnadd, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE)

.addGap(18, 18, 18)

.addComponent(btnedit)

.addGap(18, 18, 18)

.addComponent(btndelete)

.addGap(18, 18, 18)

.addComponent(jButton1)))

.addGap(18, 18, 18)

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

.addGroup(layout.createSequentialGroup()

.addComponent(lbl\_action)

.addGap(18, 18, 18)

.addComponent(txtid\_kategori, javax.swing.GroupLayout.PREFERRED\_SIZE, 25, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addGroup(layout.createSequentialGroup()

.addComponent(lblcount\_rows)

.addGap(18, 18, 18)

.addComponent(txttemp\_kode, javax.swing.GroupLayout.PREFERRED\_SIZE, 50, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addGap(18, 18, 18)

.addComponent(jLabel7)

.addGap(18, 18, 18)

.addComponent(jScrollPane2, javax.swing.GroupLayout.PREFERRED\_SIZE, 57, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addComponent(panel, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE))

.addGap(18, 18, 18))

);

layout.setVerticalGroup(

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

.addGroup(layout.createSequentialGroup()

.addComponent(jPanel1, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE)

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

.addGroup(layout.createSequentialGroup()

.addGap(42, 42, 42)

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

.addComponent(lblcount\_rows)

.addComponent(txttemp\_kode, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addComponent(jLabel7)))

.addGroup(layout.createSequentialGroup()

.addGap(18, 18, 18)

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

.addComponent(btnadd)

.addComponent(btndelete)

.addComponent(btnedit)

.addComponent(jButton1)))

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

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

.addComponent(jScrollPane2, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE)))

.addGap(18, 18, 18)

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

.addGroup(layout.createSequentialGroup()

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

.addGroup(layout.createSequentialGroup()

.addGap(326, 326, 326)

.addComponent(jLabel5))

.addGroup(layout.createSequentialGroup()

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

.addComponent(lbl\_action)

.addComponent(txtid\_kategori, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addGap(18, 18, 18)

.addComponent(panel, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE)))

.addGap(0, 0, Short.MAX\_VALUE))

.addComponent(jScrollPane1, javax.swing.GroupLayout.PREFERRED\_SIZE, 0, Short.MAX\_VALUE))

.addContainerGap())

);

pack();

setLocationRelativeTo(null);

}// </editor-fold>

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

String row\_id = txtid.getText();

if (!"0".equals(row\_id)) {

try {

btnsave.setText("Simpan");

Connection conn = konek.openkoneksi();

java.sql.Statement stm = conn.createStatement();

java.sql.ResultSet sql = stm.executeQuery("SELECT tmbarang.id, tmbarang.kode, tmbarang.nama, tmbarang.id\_kategori, tmkategori.nama as kategori, tmbarang.satuan, tmbarang.stok FROM tmbarang JOIN tmkategori ON tmkategori.id = tmbarang.id\_kategori WHERE tmbarang.id='" + row\_id + "'");

if (sql.next()) {

lbl\_action.setForeground(new Color(43, 152, 240));

String kode = sql.getString("kode");

lbl\_action.setText("Edit Data | " + kode);

txtid.setText(sql.getString("id"));

txtkode.setText(kode);

txtnama.setText(sql.getString("nama"));

cmbid\_kategori.setSelectedItem(sql.getString("kategori"));

// txtid\_kategori.setText(sql.getString("id\_kategori"));

txtsatuan.setText(sql.getString("satuan"));

txtstok.setText(sql.getString("stok"));

txttemp\_kode.setText(kode);

txtkode.requestFocus();

}

konek.closekoneksi();

} catch (SQLException e) {

JOptionPane.showMessageDialog(null, "Error " + e);

} catch (ClassNotFoundException ex) {

Logger.getLogger(Form\_Barang.class.getName()).log(Level.SEVERE, null, ex);

}

} else {

JOptionPane.showMessageDialog(null, "Terdapat kesalahan id null!");

}

}

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

GetData\_View();

}

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

lbl\_action.setForeground(Color.black);

lbl\_action.setText("Tambah Data");

datatable.clearSelection();

TxtEmpty();

BtnEnabled(false);

btnsave.setText("Simpan");

txtkode.requestFocus();

}

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

int ok = JOptionPane.showConfirmDialog(null, "Anda yakin ingin menghapus data ini?", "Konfirmasi", JOptionPane.OK\_CANCEL\_OPTION);

if (ok == 0) {

try {

String row\_id = txtid.getText();

Connection conn = konek.openkoneksi();

java.sql.Statement stm = conn.createStatement();

stm.executeUpdate("DELETE FROM tmbarang WHERE id = '" + row\_id + "'");

JOptionPane.showMessageDialog(null, "Berhasil menghapus data.");

btnadd.doClick();

konek.closekoneksi();

GetData();

} catch (SQLException e) {

JOptionPane.showMessageDialog(null, "Error " + e);

} catch (ClassNotFoundException ex) {

Logger.getLogger(Form\_Barang.class.getName()).log(Level.SEVERE, null, ex);

}

}

}

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

}

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

GetData\_View();

}

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

GetData\_View();

}

private void jButton1ActionPerformed(java.awt.event.ActionEvent evt) {

GetData();

}

private void jLabel9KeyTyped(java.awt.event.KeyEvent evt) {

}

private void cmbid\_kategoriItemStateChanged(java.awt.event.ItemEvent evt) {

String nm\_kategori = cmbid\_kategori.getSelectedItem().toString();

if (!nm\_kategori.equals("")) {

try {

Connection conn = konek.openkoneksi();

java.sql.Statement stm = conn.createStatement();

java.sql.ResultSet sql = stm.executeQuery("SELECT id FROM tmkategori WHERE nama='" + nm\_kategori + "'");

if (sql.next()) {

txtid\_kategori.setText(sql.getString("id"));

}

konek.closekoneksi();

} catch (SQLException e) {

JOptionPane.showMessageDialog(null, "Error " + e);

} catch (ClassNotFoundException ex) {

Logger.getLogger(Form\_BarangKeluar.class.getName()).log(Level.SEVERE, null, ex);

}

} else {

txtid\_kategori.setText("");

}

}

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

char c = evt.getKeyChar();

if (Character.isWhitespace(c)) {

JOptionPane.showMessageDialog(null, "Inputan tidak boleh mengandung spasi", "Ilegal Input", JOptionPane.ERROR\_MESSAGE);

evt.consume();

}

}

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

}

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

btnadd.doClick();

}

private void jLabel6KeyTyped(java.awt.event.KeyEvent evt) {

}

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

}

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

}

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

}

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

String row\_id = txtid.getText();

String row\_txttemp\_kode = txttemp\_kode.getText();

String row\_txtkode = txtkode.getText();

String row\_txtnama = txtnama.getText();

String row\_txtkategori = txtid\_kategori.getText();

String row\_txtsatuan = txtsatuan.getText();

String row\_txtstok = txtstok.getText();

SimpleDateFormat dateFormat = new SimpleDateFormat("yyyy-MM-dd");

String row\_txttanggal = dateFormat.format(txt\_tanggal.getDate());

int c\_kode = 0;

if (!"".equals(row\_txtkode) && !"".equals(row\_txtnama) && !"".equals(row\_txtkategori) && !"".equals(row\_txtsatuan) && !"".equals(row\_txtstok)) {

try {

Connection conn = konek.openkoneksi();

java.sql.Statement stm = conn.createStatement();

java.sql.ResultSet sql = stm.executeQuery("SELECT COUNT(tmbarang.id) as count FROM tmbarang WHERE tmbarang.kode='" + row\_txtkode + "'");

sql.next();

c\_kode = sql.getInt("count");

konek.closekoneksi();

} catch (SQLException e) {

JOptionPane.showMessageDialog(null, "Error " + e);

} catch (ClassNotFoundException ex) {

Logger.getLogger(Form\_Barang.class.getName()).log(Level.SEVERE, null, ex);

}

if ("".equals(row\_id)) {

if (c\_kode == 0) {

try {

Connection conn = konek.openkoneksi();

java.sql.Statement stm = conn.createStatement();

String query = "INSERT INTO tmbarang(kode, nama, id\_kategori, satuan, stok, tanggal) VALUES (?, ?, ?, ?, ?, ?)";

PreparedStatement pstmt = conn.prepareStatement(query);

pstmt.setString(1, row\_txtkode);

pstmt.setString(2, row\_txtnama);

pstmt.setString(3, row\_txtkategori);

pstmt.setString(4, row\_txtsatuan);

pstmt.setString(5, row\_txtstok);

pstmt.setString(6, row\_txttanggal);

pstmt.executeUpdate();

JOptionPane.showMessageDialog(null, "Berhasil menyimpan data.");

btnadd.doClick();

konek.closekoneksi();

GetData();

} catch (SQLException e) {

JOptionPane.showMessageDialog(null, "Error " + e);

} catch (ClassNotFoundException ex) {

Logger.getLogger(Form\_Barang.class.getName()).log(Level.SEVERE, null, ex);

}

} else {

JOptionPane.showMessageDialog(null, "Kode barang sudah pernah disimpan.", "Gagal Disimpan", JOptionPane.ERROR\_MESSAGE);

}

} else {

if (c\_kode == 0 || row\_txtkode.equals(row\_txttemp\_kode)) {

try {

Connection conn = konek.openkoneksi();

java.sql.Statement stm = conn.createStatement();

String query = "UPDATE tmbarang SET kode=?, nama=?, id\_kategori=?, satuan=?, stok=stok+?, tanggal=? WHERE id=?";

PreparedStatement pstmt = conn.prepareStatement(query);

pstmt.setString(1, row\_txtkode);

pstmt.setString(2, row\_txtnama);

pstmt.setString(3, row\_txtkategori);

pstmt.setString(4, row\_txtsatuan);

pstmt.setString(5, row\_txtstok);

pstmt.setString(6, row\_txttanggal);

pstmt.setString(7, row\_id);

pstmt.executeUpdate();

JOptionPane.showMessageDialog(null, "Berhasil mengubah data.");

btnadd.doClick();

konek.closekoneksi();

GetData();

} catch (SQLException e) {

JOptionPane.showMessageDialog(null, "Error " + e);

} catch (ClassNotFoundException ex) {

Logger.getLogger(Form\_Barang.class.getName()).log(Level.SEVERE, null, ex);

}

} else {

JOptionPane.showMessageDialog(null, "Kode barang sudah pernah disimpan.", "Gagal Disimpan", JOptionPane.ERROR\_MESSAGE);

}

}

} else {

JOptionPane.showMessageDialog(null, "Terdapat inputan yang kosong.");

}

}

public static void main(String args[]) {

java.awt.EventQueue.invokeLater(() -> {

Form\_Barang dialog = new Form\_Barang(new javax.swing.JFrame(), true);

dialog.addWindowListener(new java.awt.event.WindowAdapter() {

@Override

public void windowClosing(java.awt.event.WindowEvent e) {

System.exit(0);

}

});

dialog.setVisible(true);

});

}

// Variables declaration - do not modify

private javax.swing.JButton btnadd;

private javax.swing.JButton btncancel;

private javax.swing.JButton btndelete;

private javax.swing.JButton btnedit;

private javax.swing.JButton btnsave;

private javax.swing.JComboBox<String> cmbid\_kategori;

private javax.swing.JTable datatable;

private javax.swing.JButton jButton1;

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.JScrollPane jScrollPane1;

private javax.swing.JScrollPane jScrollPane2;

private javax.swing.JLabel lbl\_action;

private javax.swing.JLabel lblcount\_rows;

private javax.swing.JPanel panel;

private com.toedter.calendar.JDateChooser txt\_tanggal;

private javax.swing.JTextPane txtid;

private javax.swing.JTextField txtid\_kategori;

private javax.swing.JTextField txtkode;

private javax.swing.JTextField txtnama;

private javax.swing.JTextField txtsatuan;

private javax.swing.JTextField txtstok;

private javax.swing.JTextField txttemp\_kode;

// End of variables declaration

}