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PRAKTIKUM 11

Latihan 1 Form Barang

KoneksiMySQL.java
<pre>/* * Click nbfs://nbhost/SystemFileSystem/Templates/Licenses/license- default.txt to change this license * Click nbfs://nbhost/SystemFileSystem/Templates/Classes/Class.java to edit this template */ package com.restu.prjpenjualan; /** * * @author Restu */ import java.sql.Connection; import java.sql.DriverManager; import java.sql.SQLException; public class KoneksiMySQL { String url, usr, pwd, dbn; public KoneksiMySQL (String dbn) { this.url = "jdbc:mysql://localhost/" + dbn; this.usr = "root"; // Sesuaikan dengan username db anda this.pwd = "134679"; // Sesuaikan dengan password db anda } public KoneksiMySQL (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 (Exception e) { e.printStackTrace(); } } }</pre>

```

        System.out.println("Koneksi Berhasil");
    } 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;
}

public static void main (String args[]) {
    KoneksiMySQL kon = new KoneksiMySQL ("penjualan"); //Sesuaikan
dengan nama database anda
    Connection c = kon.getConnection();
}
}

```

frmBarang.java

```

/*
 * Click nbfs://nbhost/SystemFileSystem/Templates/Licenses/license-
default.txt to change this license
 * Click nbfs://nbhost/SystemFileSystem/Templates/GUIForms/JFrame.java to
edit this template
 */
package com.restu.prjpenjualan;
import java.io.File;
import java.sql.*;
import javax.swing.JComboBox;
import javax.swing.JOptionPane;
import javax.swing.table.DefaultTableModel;
/**
 *
 * @author Restu
 */
public class frmBarang extends javax.swing.JFrame {
    Connection Con;
    ResultSet RsBrg;
    Statement stm;
    PreparedStatement pstat;

    Boolean ada = false;
    String sSatuan;
    Boolean edit=false;

    private Object[][] dataTable = null;

```

```

        private String[] header = {"Kode", "Nama Barang", "Satuan", "Harga
        Beli", "Harga Jual", "Stok", "Stok Min"};

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

        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 hargaJual = Double.toString((Double)tblBrg.getValueAt(row,3));
            txtHargaJual.setText(hargaJual);
            String hargaBeli = Double.toString((Double)tblBrg.getValueAt(row,4));
            txtHargaBeli.setText(hargaBeli);
            String stok=Integer.toString((Integer)tblBrg.getValueAt(row,5));
            txtStok.setText(stok);
            String stokmin=Integer.toString((Integer)tblBrg.getValueAt(row,6));
            txtStokMin.setText(stokmin);
        }

        //method membuka database server, user, pass, database disesuaikan
        private void open_db()
        {
            try{
                KoneksiMySQL kon = new KoneksiMySQL
("localhost","root","","penjualan");
                Con = kon.getConnection();
                System.out.println("Berhasil ");
            }catch (Exception e) {
                System.out.println("Error : "+e);
            }
        }

        //method baca data dari Mysql dimasukkan ke table pada form
        private void baca_data()
        {
            try{
                stm = Con.createStatement();

```

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        pstat = Con.prepareStatement("select * from
barang",ResultSet.TYPE_SCROLL_SENSITIVE,ResultSet.CONCUR_UPDATABLE);
        RsBrg = pstat.executeQuery();

        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_beli");
            dataTable[x][4] = RsBrg.getDouble("harga_jual");
            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);
    }
}

//untuk mengkosongkan isian data
private void kosong()
{
    txtKode.setText("");
    txtNama.setText("");
    txtHargaJual.setText("");
    txtHargaBeli.setText("");
    txtStok.setText("");
    txtStokMin.setText("");
}

//mengset aktif tidak isian data
private void aktif(boolean x)
{

```

```

txtKode.setEditable(x);
txtNama.setEditable(x);
cmbSatuan.setEnabled(x);
txtHargaJual.setEditable(x);
txtHargaBeli.setEditable(x);
txtStok.setEditable(x);
txtStokMin.setEditable(x);
}

//mengset tombol on/off
private void setTombol(boolean t)
{
cmdTambah.setEnabled(t);
cmdKoreksi.setEnabled(t);
cmdHapus.setEnabled(t);
cmdSimpan.setEnabled(!t);
cmdBatal.setEnabled(!t);
cmdKeluar.setEnabled(t);
}

/**
 * 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">//GEN-
BEGIN: initComponents
private void initComponents() {

    txtKode = new javax.swing.JTextField();
    jLabel1 = new javax.swing.JLabel();
    jLabel2 = new javax.swing.JLabel();
    txtNama = new javax.swing.JTextField();
    jLabel3 = new javax.swing.JLabel();
    cmbSatuan = new javax.swing.JComboBox<>();
    jLabel4 = new javax.swing.JLabel();
    jLabel5 = new javax.swing.JLabel();
    jLabel6 = new javax.swing.JLabel();
    txtHargaJual = new javax.swing.JTextField();
    txtStok = new javax.swing.JTextField();
    txtStokMin = new javax.swing.JTextField();
    cmdTambah = new javax.swing.JButton();
    cmdSimpan = new javax.swing.JButton();
    cmdKoreksi = new javax.swing.JButton();
    cmdHapus = new javax.swing.JButton();

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cmdBatal = new javax.swing.JButton();
cmdKeluar = new javax.swing.JButton();
jLabel7 = new javax.swing.JLabel();
cmdExport = new javax.swing.JButton();
jLabel8 = new javax.swing.JLabel();
txtHargaBeli = new javax.swing.JTextField();
jScrollPane2 = new javax.swing.JScrollPane();
jScrollPane1 = new javax.swing.JScrollPane();
tblBrg = new javax.swing.JTable();
jSeparator1 = new javax.swing.JSeparator();

setDefaultCloseOperation(javax.swing.WindowConstants.EXIT_ON_CLOSE);

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

jLabel1.setFont(new java.awt.Font("Segoe UI", 1, 14)); // NOI18N
jLabel1.setText("Kode Barang");

jLabel2.setFont(new java.awt.Font("Segoe UI", 1, 14)); // NOI18N
jLabel2.setText("Nama Barang");

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

jLabel3.setFont(new java.awt.Font("Segoe UI", 1, 14)); // NOI18N
jLabel3.setText("Satuan");

cmbSatuan.setModel(new javax.swing.DefaultComboBoxModel<>(new
String[] { "buah", "lembar", "bungkus" }));
cmbSatuan.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        cmbSatuanActionPerformed(evt);
    }
});

jLabel4.setFont(new java.awt.Font("Segoe UI", 1, 14)); // NOI18N
jLabel4.setText("Harga jual");

jLabel5.setFont(new java.awt.Font("Segoe UI", 1, 14)); // NOI18N
jLabel5.setText("Stok");

```

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jLabel6.setFont(new java.awt.Font("Segoe UI", 1, 14)); // NOI18N
jLabel6.setText("Stok minimal");

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

cmdSimpan.setText("Simpan");
cmdSimpan.addMouseListener(new java.awt.event.MouseAdapter() {
    public void mouseClicked(java.awt.event.MouseEvent evt) {
        cmdSimpanMouseClicked(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);
    }
});

jLabel7.setFont(new java.awt.Font("Segoe UI", 1, 24)); // NOI18N
jLabel7.setText("DATA BARANG");
```

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cmdExport.setText("Export");
cmdExport.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        cmdExportActionPerformed(evt);
    }
});

jLabel8.setFont(new java.awt.Font("Segoe UI", 1, 14)); // NOI18N
jLabel8.setText("Harga Beli");

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", "Nama Barang", "Satuan", "Harga", "Stok", "Stok Min"
    }
));
tblBrg.addMouseListener(new java.awt.event.MouseAdapter() {
    public void mouseClicked(java.awt.event.MouseEvent evt) {
        tblBrgMouseClicked(evt);
    }
});
jScrollPane1.setViewportViewView(tblBrg);

jScrollPane2.setViewportViewView(jScrollPane1);

javax.swing.GroupLayout layout = new
javax.swing.GroupLayout(getContentPane());
getContentPane().setLayout(layout);
layout.setHorizontalGroup(
    layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addGroup(layout.createSequentialGroup()
            .addGap(20, 20, 20)
            .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
                .addGroup(layout.createSequentialGroup()
                    .addComponent(jLabel7)
                    .addGap(0, 0, Short.MAX_VALUE))
                .addGroup(layout.createSequentialGroup()
                    .addComponent(jLabel11)
                    .addComponent(jLabel13)

```



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        .addGroup(layout.createSequentialGroup()
            .addGroup(layout.createParallelGroup(javax.s
wing.GroupLayout.Alignment.LEADING)
                .addGroup(layout.createParallelGroup(jav
ax.swing.GroupLayout.Alignment.LEADING)
                    .addComponent(jLabel2,
javax.swing.GroupLayout.Alignment.TRAILING)
                    .addComponent(jLabel4)
                    .addComponent(jLabel8)
                    .addComponent(jLabel15))
                    .addComponent(jLabel16))
                .addGap(18, 18, 18)
            .addGroup(layout.createParallelGroup(javax.s
wing.GroupLayout.Alignment.LEADING, false)
                .addComponent(txtKode)
                .addComponent(txtNama)
                .addComponent(cmbSatuan, 0, 226,
Short.MAX_VALUE)
                .addComponent(txtStokMin)
                .addComponent(txtStok)
                .addComponent(txtHargaBeli)
                .addComponent(txtHargaJual))))
        .addContainerGap(javax.swing.GroupLayout.DEFAULT_SIZ
E, Short.MAX_VALUE))
        .addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
layout.createSequentialGroup()
            .addGroup(layout.createParallelGroup(javax.s
wing.GroupLayout.Alignment.TRAILING)
                .addComponent(jSeparator1,
javax.swing.GroupLayout.Alignment.LEADING)
                .addGroup(layout.createSequentialGroup()
                    .addGap(0, 0, Short.MAX_VALUE)
                    .addGroup(layout.createParallelGroup(javax.s
wing.GroupLayout.Alignment.LEADING)
                        .addGroup(layout.createSequentialGroup()
                            .addComponent(cmdTambah)
                            .addPreferredGap(javax.swing.Layou
tStyle.ComponentPlacement.RELATED)
                            .addComponent(cmdSimpan)
                            .addGap(12, 12, 12)
                            .addComponent(cmdKoreksi)
                            .addPreferredGap(javax.swing.Layou
tStyle.ComponentPlacement.UNRELATED)
                            .addComponent(cmdHapus)
                            .addPreferredGap(javax.swing.Layou
tStyle.ComponentPlacement.UNRELATED)
                            .addComponent(cmdBatal)

```

```

        .addPreferredGap(javax.swing.LayoutS
tyle.ComponentPlacement.UNRELATED)

        .addComponent(cmdKeluar)
        .addGap(18, 18, 18)
        .addComponent(cmdExport))
        .addComponent(jScrollPane2,
javax.swing.GroupLayout.PREFERRED_SIZE, 650,
javax.swing.GroupLayout.PREFERRED_SIZE))))
        .addGap(23, 23, 23))))
    );
    layout.setVerticalGroup(
        layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEA
DING)

        .addGroup(layout.createSequentialGroup())
            .addGap(17, 17, 17)
            .addComponent(jLabel7)
            .addGap(18, 18, 18)
            .addComponent(jSeparator1,
javax.swing.GroupLayout.PREFERRED_SIZE, 10,
javax.swing.GroupLayout.PREFERRED_SIZE)
            .addGap(18, 18, 18)
            .addGroup(layout.createParallelGroup(javax.swing.GroupLayout
.Alignment.BASELINE)
                .addComponent(jLabel1)
                .addComponent(txtKode,
javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE))
            .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.
RELATED)

            .addGroup(layout.createParallelGroup(javax.swing.GroupLayout
.Alignment.BASELINE)
                .addComponent(jLabel2)
                .addComponent(txtNama,
javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE))
            .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.
RELATED)

            .addGroup(layout.createParallelGroup(javax.swing.GroupLayout
.Alignment.BASELINE)
                .addComponent(jLabel3)
                .addComponent(cmbSatuan,
javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE))
            .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.
RELATED)

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```

        .addGroup(layout.createParallelGroup(javax.swing.GroupLayout
.Alignment.BASELINE)
            .addComponent(jLabel4)
            .addComponent(txtHargaJual,
javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE))
        .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.
RELATED)
        .addGroup(layout.createParallelGroup(javax.swing.GroupLayout
.Alignment.BASELINE)
            .addComponent(jLabel8)
            .addComponent(txtHargaBeli,
javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE))
        .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.
RELATED)
        .addGroup(layout.createParallelGroup(javax.swing.GroupLayout
.Alignment.BASELINE)
            .addComponent(jLabel5)
            .addComponent(txtStok,
javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE))
        .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.
RELATED)
        .addGroup(layout.createParallelGroup(javax.swing.GroupLayout
.Alignment.BASELINE)
            .addComponent(jLabel6)
            .addComponent(txtStokMin,
javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE))
        .addGap(18, 18, 18)
        .addComponent(jScrollPane2,
javax.swing.GroupLayout.PREFERRED_SIZE, 144,
javax.swing.GroupLayout.PREFERRED_SIZE)
        .addGap(18, 18, 18)
        .addGroup(layout.createParallelGroup(javax.swing.GroupLayout
.Alignment.BASELINE)
            .addComponent(cmdTambah)
            .addComponent(cmdSimpan)
            .addComponent(cmdKoreksi)
            .addComponent(cmdHapus)
            .addComponent(cmdBatal)
            .addComponent(cmdKeluar)
            .addComponent(cmdExport))

```

```

        .addContainerGap(42, Short.MAX_VALUE))
    );

    pack();
} // </editor-fold> // GEN-END: initComponents

private void txtKodeActionPerformed(java.awt.event.ActionEvent evt)
{ // GEN-FIRST:event_txtKodeActionPerformed
    // TODO add your handling code here:
} // GEN-LAST:event_txtKodeActionPerformed

private void txtNamaActionPerformed(java.awt.event.ActionEvent evt)
{ // GEN-FIRST:event_txtNamaActionPerformed
    // TODO add your handling code here:
} // GEN-LAST:event_txtNamaActionPerformed

private void cmdKoreksiActionPerformed(java.awt.event.ActionEvent evt)
{ // GEN-FIRST:event_cmdKoreksiActionPerformed
    edit=true;
    aktif(true);
    setTombol(false);
    txtKode.setEditable(false);
} // GEN-LAST:event_cmdKoreksiActionPerformed

private void cmdHapusActionPerformed(java.awt.event.ActionEvent evt)
{ // GEN-FIRST:event_cmdHapusActionPerformed
    try{
        String sql="delete from barang where kd_brg='" + txtKode.getText() + "'";
        stm.executeUpdate(sql);
        baca_data();
    }
    catch(SQLException e)
    {
        JOptionPane.showMessageDialog(null, e);
    }
} // GEN-LAST:event_cmdHapusActionPerformed

private void cmbSatuanActionPerformed(java.awt.event.ActionEvent evt)
{ // GEN-FIRST:event_cmbSatuanActionPerformed
    // TODO add your handling code here:
    JComboBox cSatuan = (JComboBox)evt.getSource();
    //Membaca Item Yang Terpilih -> String
    sSatuan = (String)cSatuan.getSelectedItem();
} // GEN-LAST:event_cmbSatuanActionPerformed

private void tblBrgMouseClicked(java.awt.event.MouseEvent evt) { // GEN-
FIRST:event_tblBrgMouseClicked
    setField();
}

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```

        } //GEN-LAST:event_tblBrgMouseClicked

        private void cmdTambahActionPerformed(java.awt.event.ActionEvent evt)
        { //GEN-FIRST:event_cmdTambahActionPerformed

            aktif(true);
            setTombol(false);
            kosong();

        } //GEN-LAST:event_cmdTambahActionPerformed

        private void cmdBatalActionPerformed(java.awt.event.ActionEvent evt)
        { //GEN-FIRST:event_cmdBatalActionPerformed
            aktif(false);
            setTombol(true);
            kosong();
        } //GEN-LAST:event_cmdBatalActionPerformed

        private void cmdKeluarActionPerformed(java.awt.event.ActionEvent evt)
        { //GEN-FIRST:event_cmdKeluarActionPerformed
            dispose();
        } //GEN-LAST:event_cmdKeluarActionPerformed

        private void cmdSimpanMouseClicked(java.awt.event.MouseEvent evt)
        { //GEN-FIRST:event_cmdSimpanMouseClicked
            String tKode=txtKode.getText();
            String tNama=txtNama.getText();
            double hrgJ=Double.parseDouble(txtHargaJual.getText());
            double hrgB=Double.parseDouble(txtHargaBeli.getText());
            int stk=Integer.parseInt(txtStok.getText());
            int stkMin=Integer.parseInt(txtStokMin.getText());
            try{
            if (edit==true){
                stm.executeUpdate("update barang set
                nm_brg='"+tNama+"', satuan='"+sSatuan+"', harga_jual="+hrgJ+", stok="+stk+", sto
                k_min=" +stkMin+", harga_beli="+hrgB+ "where kd_brg='"+ tKode + "'");
            }else{
                stm.executeUpdate("INSERT into barang
                VALUES('"+tKode+"','"+tNama+"','"+sSatuan+"','"+hrgJ+"','"+stk+"','"+stkMin+"','"+h
                rgB+"')");
            }
            tblBrg.setModel(new DefaultTableModel(dataTable,header));
            baca_data();
            aktif(false);
            setTombol(true);
        } catch (SQLException e) {
            JOptionPane.showMessageDialog(null, e);
        }
    }

```

```

    }//GEN-LAST:event_cmdSimpanMouseClicked

    private void cmdExportActionPerformed(java.awt.event.ActionEvent evt)
{
    //GEN-FIRST:event_cmdExportActionPerformed
    try{
        ExportToExcel ex=new ExportToExcel(tblBrg, new
File("DataBarang.xls"));
        JOptionPane.showMessageDialog(null, "sukses export data..." );
    }catch(Exception e) {
        JOptionPane.showMessageDialog(null, e);
    }
}
//GEN-LAST:event_cmdExportActionPerformed

/**
 * @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(frmBarang.class.getName()).lo
g(java.util.logging.Level.SEVERE, null, ex);
    } catch (InstantiationException ex) {
        java.util.logging.Logger.getLogger(frmBarang.class.getName()).lo
g(java.util.logging.Level.SEVERE, null, ex);
    } catch (IllegalAccessException ex) {
        java.util.logging.Logger.getLogger(frmBarang.class.getName()).lo
g(java.util.logging.Level.SEVERE, null, ex);
    } catch (javax.swing.UnsupportedLookAndFeelException ex) {
        java.util.logging.Logger.getLogger(frmBarang.class.getName()).lo
g(java.util.logging.Level.SEVERE, null, ex);
    }
}
//</editor-fold>

```

```

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

// Variables declaration - do not modify//GEN-BEGIN:variables
private javax.swing.JComboBox<String> cmbSatuan;
private javax.swing.JButton cmdBatal;
private javax.swing.JButton cmdExport;
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.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.JScrollPane jScrollPane1;
private javax.swing.JScrollPane jScrollPane2;
private javax.swing.JSeparator jSeparator1;
private javax.swing.JTable tblBrg;
private javax.swing.JTextField txtHargaBeli;
private javax.swing.JTextField txtHargaJual;
private javax.swing.JTextField txtKode;
private javax.swing.JTextField txtNama;
private javax.swing.JTextField txtStok;
private javax.swing.JTextField txtStokMin;
// End of variables declaration//GEN-END:variables
}

```

ExposrtToExcel.java

```

/*
 * Click nbfs://nbhost/SystemFileSystem/Templates/Licenses/license-
default.txt to change this license
 * Click nbfs://nbhost/SystemFileSystem/Templates/Classes/Class.java to edit
this template
 */
package com.restu.prjpenjualan;

```

```
import java.io.File;
import java.io.FileWriter;
import javax.swing.JTable;
import javax.swing.table.TableModel;

/**
 *
 * @author Restu
 */
public class ExportToExcel {
    public ExportToExcel(JTable table, File file) {
        try {
            TableModel tableModel = table.getModel();
            FileWriter fOut = new FileWriter(file);

            for (int i = 0; i < tableModel.getColumnCount(); i++) {
                fOut.write(tableModel.getColumnName(i) + "\t");
            }
            fOut.write("\n");

            for (int i = 0; i < tableModel.getRowCount(); i++) {
                for (int j = 0; j < tableModel.getColumnCount(); j++) {
                    fOut.write(tableModel.getValueAt(i,
                        j).toString() + "\t");
                }

                fOut.write("\n");
            }

            fOut.close();
        } catch (Exception e) {
            e.printStackTrace();
        }
    }
}
```


Output

DATA BARANG

Kode Barang

Nama Barang

Satuan

Harga jual

Harga Beli

Stok

Stok minimal

Kode	Nama Barang	Satuan	Harga Beli	Harga Jual	Stok	Stok Min
B001	Baju	buah	10.0	300000.0	1	250000

Latihan 2 Form Konsumen

frmKonsumen.java

```

/*
 * Click nbfs://nbhost/SystemFileSystem/Templates/Licenses/license-
 * default.txt to change this license
 * Click nbfs://nbhost/SystemFileSystem/Templates/GuiForms/JFrame.java to
 * edit this template
 */

package com.restu.prjpenjualan;

import java.sql.Connection;
import java.io.File;
import java.sql.*;
import javax.swing.JOptionPane;

```

```

import javax.swing.table.DefaultTableModel;

/**
 *
 * @author Restu
 */
public class frmKonsumen extends javax.swing.JFrame {

    /**
     * Creates new form frmKonsumen
     */
    Connection Con;
    ResultSet RsKons;
    Statement stm;
    PreparedStatement pstat;

    Boolean ada = false;
    Boolean edit = false;

    private Object[][] dataTable = null;
    private String[] header = {"Kode", "Nama Konsumen", "Alamat", "Kota",
    "Kode Pos", "Phone", "Email"};

    public frmKonsumen() {
        initComponents();
        open_db();
        baca_data();
        aktif(false);
        setTombol(true);
    }

    private void setField() {
        int row = tblKons.getSelectedRow();
        txtKd_Kons.setText((String)tblKons.getValueAt(row, 0));
        txtNm_Kons.setText((String)tblKons.getValueAt(row, 1));
        txtAlamat.setText((String)tblKons.getValueAt(row, 2));
        txtKota.setText((String)tblKons.getValueAt(row, 3));
        txtKd_Pos.setText((String)tblKons.getValueAt(row, 4));
        txtTlpn.setText((String)tblKons.getValueAt(row, 5));
        txtEmail.setText((String)tblKons.getValueAt(row, 6));
    }

    private void open_db() {
        try {
            KoneksiMySQL kon = new KoneksiMySQL("localhost", "root", "",
            "penjualan");
            Con = kon.getConnection();
            System.out.println("Berhasil");
        } catch (Exception e) {

```

```

        System.out.println("Error : "+e);
    }
}

private void baca_data() {
try {
    stm = Con.createStatement();

    pstat = Con.prepareStatement("select * from konsumen",
        ResultSet.TYPE_SCROLL_SENSITIVE,
        ResultSet.CONCUR_UPDATABLE);
    RsKons = pstat.executeQuery();

    ResultSetMetaData meta = RsKons.getMetaData();
    int col = meta.getColumnCount();
    int baris = 0;

    while(RsKons.next()){
        baris = RsKons.getRow();
    }

    dataTable = new Object[baris][col];
    int x = 0;
    RsKons.beforeFirst();

    while(RsKons.next()) {
        dataTable[x][0] = RsKons.getString("kd_kons");
        dataTable[x][1] = RsKons.getString("nm_kons");
        dataTable[x][2] = RsKons.getString("alm_kons");
        dataTable[x][3] = RsKons.getString("kota_kons");
        dataTable[x][4] = RsKons.getString("kd_pos");
        dataTable[x][5] = RsKons.getString("phone");
        dataTable[x][6] = RsKons.getString("email");
        x++;
    }
    tblKons.setModel(new DefaultTableModel(dataTable, header));

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

}

private void kosong() {
txtKd_Kons.setText("");
txtNm_Kons.setText("");
txtAlamat.setText("");
txtKota.setText("");
txtKd_Pos.setText("");
txtTlpn.setText("");
txtEmail.setText("");

```

```

    }

    //mengset aktif tidak isian data
    private void aktif(boolean x) {
        txtKd_Kons.setEditable(x);
        txtNm_Kons.setEditable(x);
        txtAlamat.setEditable(x);
        txtKota.setEditable(x);
        txtKd_Pos.setEditable(x);
        txtTlpn.setEditable(x);
        txtEmail.setEditable(x);
    }

    //Mengset tombol on/off
    private void setTombol(boolean t) {
        cmdTambah.setEnabled(t);
        cmdKoreksi.setEnabled(t);
        cmdHapus.setEnabled(t);
        cmdSimpan.setEnabled(!t);
        cmdBatal.setEnabled(!t);
        cmdKeluar.setEnabled(t);
    }

    /**
     * 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"> //GEN-
    BEGIN: initComponents
    private void initComponents() {

        jLabel1 = new javax.swing.JLabel();
        jLabel2 = new javax.swing.JLabel();
        txtKd_Kons = new javax.swing.JTextField();
        jLabel3 = new javax.swing.JLabel();
        txtNm_Kons = new javax.swing.JTextField();
        jLabel4 = new javax.swing.JLabel();
        jLabel5 = new javax.swing.JLabel();
        jLabel6 = new javax.swing.JLabel();
        jLabel7 = new javax.swing.JLabel();
        jLabel8 = new javax.swing.JLabel();
        txtAlamat = new javax.swing.JTextField();
        txtKota = new javax.swing.JTextField();

```

```
txtKd_Pos = new javax.swing.JTextField();
txtTlpn = new javax.swing.JTextField();
txtEmail = new javax.swing.JTextField();
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();
cmdExport = new javax.swing.JButton();
jScrollPane2 = new javax.swing.JScrollPane();
jScrollPane1 = new javax.swing.JScrollPane();
tblKons = new javax.swing.JTable();
jSeparator1 = new javax.swing.JSeparator();

setDefaultCloseOperation(javax.swing.WindowConstants.EXIT_ON_CLOSE);

jLabel1.setFont(new java.awt.Font("Segoe UI", 1, 24)); // NOI18N
jLabel1.setText("DATA KONSUMEN");

jLabel2.setFont(new java.awt.Font("Segoe UI", 1, 14)); // NOI18N
jLabel2.setText("Kode Konsumen");

txtKd_Kons.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        txtKd_KonsActionPerformed(evt);
    }
});

jLabel3.setFont(new java.awt.Font("Segoe UI", 1, 14)); // NOI18N
jLabel3.setText("Nama Konsumen");

jLabel4.setFont(new java.awt.Font("Segoe UI", 1, 14)); // NOI18N
jLabel4.setText("Alamat");

jLabel5.setFont(new java.awt.Font("Segoe UI", 1, 14)); // NOI18N
jLabel5.setText("Kota");

jLabel6.setFont(new java.awt.Font("Segoe UI", 1, 14)); // NOI18N
jLabel6.setText("Kode Pos");

jLabel7.setFont(new java.awt.Font("Segoe UI", 1, 14)); // NOI18N
jLabel7.setText("Telepon");

jLabel8.setFont(new java.awt.Font("Segoe UI", 1, 14)); // NOI18N
jLabel8.setText("Email");

txtKota.addActionListener(new java.awt.event.ActionListener() {
```

```
        public void actionPerformed(java.awt.event.ActionEvent evt) {
            txtKotaActionPerformed(evt);
        }
    });

    txtTlpn.addActionListener(new java.awt.event.ActionListener() {
        public void actionPerformed(java.awt.event.ActionEvent evt) {
            txtTlpnActionPerformed(evt);
        }
    });

    txtEmail.addActionListener(new java.awt.event.ActionListener() {
        public void actionPerformed(java.awt.event.ActionEvent evt) {
            txtEmailActionPerformed(evt);
        }
    });

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

    cmdSimpan.setText("Simpan");
    cmdSimpan.addMouseListener(new java.awt.event.MouseAdapter() {
        public void mouseClicked(java.awt.event.MouseEvent evt) {
            cmdSimpanMouseClicked(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);
    }
});

cmdExport.setText("Export");
cmdExport.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        cmdExportActionPerformed(evt);
    }
});

tblKons.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}
    },
    new String [] {
        "Kode", "Nama Konsumen", "Alamat", "Kota", "Kode Pos",
"Telepon", "Email"
    }
));

tblKons.addMouseListener(new java.awt.event.MouseAdapter() {
    public void mouseClicked(java.awt.event.MouseEvent evt) {
        tblKonsMouseClicked(evt);
    }
});

jScrollPane1.setViewportViewView(tblKons);

jScrollPane2.setViewportViewView(jScrollPane1);

javax.swing.GroupLayout layout = new
javax.swing.GroupLayout(getContentPane());
getContentPane().setLayout(layout);
layout.setHorizontalGroup(
    layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
    .addGroup(layout.createSequentialGroup()
        .addGap(25, 25, 25)

```

```

        .addGroup(layout.createParallelGroup(javax.swing.GroupLayout
.Alignment.LEADING)
            .addComponent(jLabel1)
            .addComponent(jSeparator1,
javax.swing.GroupLayout.PREFERRED_SIZE, 575,
javax.swing.GroupLayout.PREFERRED_SIZE)
            .addGroup(layout.createSequentialGroup()
                .addComponent(cmdTambah)
                .addGap(18, 18, 18)
                .addComponent(cmdSimpan)
                .addGap(18, 18, 18)
                .addComponent(cmdKoreksi)
                .addGap(18, 18, 18)
                .addComponent(cmdHapus)
                .addGap(18, 18, 18)
                .addComponent(cmdBatal)
                .addPreferredGap(javax.swing.LayoutStyle.ComponentPl
acement.UNRELATED)
                .addComponent(cmdKeluar))
            .addGroup(layout.createParallelGroup(javax.swing.GroupLa
yout.Alignment.TRAILING, false)
                .addGroup(layout.createSequentialGroup()
                    .addGroup(layout.createParallelGroup(javax.swing
.GroupLayout.Alignment.LEADING)
                        .addComponent(jLabel2)
                        .addComponent(jLabel3)
                        .addComponent(jLabel4)
                        .addComponent(jLabel5)
                        .addComponent(jLabel6)
                        .addComponent(jLabel7)
                        .addComponent(jLabel8))
                    .addGap(37, 37, 37)
                    .addGroup(layout.createParallelGroup(javax.swing
.GroupLayout.Alignment.LEADING, false)
                        .addComponent(txtKd_Kons,
javax.swing.GroupLayout.DEFAULT_SIZE, 192, Short.MAX_VALUE)
                        .addComponent(txtNm_Kons)
                        .addComponent(txtAlamat)
                        .addComponent(txtTlpn)
                        .addComponent(txtEmail)
                        .addComponent(txtKota)
                        .addComponent(txtKd_Pos))
                    .addPreferredGap(javax.swing.LayoutStyle.Compone
ntPlacement.RELATED, javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
                    .addComponent(cmdExport))
                .addComponent(jScrollPane2,
javax.swing.GroupLayout.PREFERRED_SIZE, 596,
javax.swing.GroupLayout.PREFERRED_SIZE)))

```



```

        .addContainerGap(25, Short.MAX_VALUE))
    );
    layout.setVerticalGroup(
        layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

        .addGroup(layout.createSequentialGroup()
            .addGap(14, 14, 14)
            .addComponent(jLabel1)
            .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)

            .addComponent(jSeparator1,
                javax.swing.GroupLayout.PREFERRED_SIZE, 10,
                javax.swing.GroupLayout.PREFERRED_SIZE)
            .addGap(13, 13, 13)
            .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

                .addComponent(jLabel2)
                .addComponent(txtKd_Kons,
                    javax.swing.GroupLayout.PREFERRED_SIZE,
                    javax.swing.GroupLayout.DEFAULT_SIZE,
                    javax.swing.GroupLayout.PREFERRED_SIZE))
            .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)

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

                .addComponent(jLabel3)
                .addComponent(txtNm_Kons,
                    javax.swing.GroupLayout.PREFERRED_SIZE,
                    javax.swing.GroupLayout.DEFAULT_SIZE,
                    javax.swing.GroupLayout.PREFERRED_SIZE))
            .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)

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

                .addComponent(jLabel4)
                .addGroup(layout.createSequentialGroup()
                    .addComponent(txtAlamat,
                        javax.swing.GroupLayout.PREFERRED_SIZE,
                        javax.swing.GroupLayout.DEFAULT_SIZE,
                        javax.swing.GroupLayout.PREFERRED_SIZE)
                    .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)

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

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

```

```

        .addComponent(jLabel5))
        .addPreferredGap(javax.swing.LayoutStyle.ComponentPl
acement.RELATED)
        .addGroup(layout.createParallelGroup(javax.swing.Gro
upLayout.Alignment.BASELINE)
        .addComponent(txtKd_Pos,
javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE)
        .addComponent(jLabel6))))
        .addGap(9, 9, 9)
        .addGroup(layout.createParallelGroup(javax.swing.GroupLayout
.Alignment.LEADING)
        .addComponent(jLabel7)
        .addComponent(txtTlpn,
javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE))
        .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.
RELATED)
        .addGroup(layout.createParallelGroup(javax.swing.GroupLayout
.Alignment.BASELINE)
        .addComponent(txtEmail,
javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE)
        .addComponent(jLabel8)
        .addComponent(cmdExport))
        .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.
UNRELATED)
        .addComponent(jScrollPane2,
javax.swing.GroupLayout.PREFERRED_SIZE, 167,
javax.swing.GroupLayout.PREFERRED_SIZE)
        .addGap(18, 18, 18)
        .addGroup(layout.createParallelGroup(javax.swing.GroupLayout
.Alignment.BASELINE)
        .addComponent(cmdTambah)
        .addComponent(cmdSimpan)
        .addComponent(cmdKoreksi)
        .addComponent(cmdHapus)
        .addComponent(cmdBatal)
        .addComponent(cmdKeluar))
        .addContainerGap(22, Short.MAX_VALUE))
    );

    pack();
} // </editor-fold> // GEN-END: initComponents

```

```

        private void txtKd_KonsActionPerformed(java.awt.event.ActionEvent evt)
    {
        //GEN-FIRST:event_txtKd_KonsActionPerformed
            // TODO add your handling code here:
        //GEN-LAST:event_txtKd_KonsActionPerformed

        private void txtEmailActionPerformed(java.awt.event.ActionEvent evt)
    {
        //GEN-FIRST:event_txtEmailActionPerformed
            // TODO add your handling code here:
        //GEN-LAST:event_txtEmailActionPerformed

        private void txtKotaActionPerformed(java.awt.event.ActionEvent evt)
    {
        //GEN-FIRST:event_txtKotaActionPerformed
            // TODO add your handling code here:
        //GEN-LAST:event_txtKotaActionPerformed

        private void txtTlpnActionPerformed(java.awt.event.ActionEvent evt)
    {
        //GEN-FIRST:event_txtTlpnActionPerformed
            // TODO add your handling code here:
        //GEN-LAST:event_txtTlpnActionPerformed

        private void cmdKoreksiActionPerformed(java.awt.event.ActionEvent evt)
    {
        //GEN-FIRST:event_cmdKoreksiActionPerformed
            edit = true;
            aktif(true);
            setTombol(false);
        //GEN-LAST:event_cmdKoreksiActionPerformed

        private void cmdHapusActionPerformed(java.awt.event.ActionEvent evt)
    {
        //GEN-FIRST:event_cmdHapusActionPerformed
            try {
                String sql = "delete from konsumen where kd_kons='"
+txtKd_Kons.getText()+ "'";
                stm.executeUpdate(sql);
                baca_data();
            } catch (SQLException e) {
                JOptionPane.showMessageDialog(null, e);
            }
        //GEN-LAST:event_cmdHapusActionPerformed

        private void cmdTambahActionPerformed(java.awt.event.ActionEvent evt)
    {
        //GEN-FIRST:event_cmdTambahActionPerformed
            aktif(true);
            setTombol(false);
            kosong();
        //GEN-LAST:event_cmdTambahActionPerformed

        private void cmdBatalActionPerformed(java.awt.event.ActionEvent evt)
    {
        //GEN-FIRST:event_cmdBatalActionPerformed

```

```

        aktif(false);
        setTombol(true);
        kosong();
    } //GEN-LAST:event_cmdBatalActionPerformed

    private void cmdKeluarActionPerformed(java.awt.event.ActionEvent evt)
    { //GEN-FIRST:event_cmdKeluarActionPerformed
        dispose();
    } //GEN-LAST:event_cmdKeluarActionPerformed

    private void tblKonsMouseClicked(java.awt.event.MouseEvent evt) { //GEN-
FIRST:event_tblKonsMouseClicked
        setField();
    } //GEN-LAST:event_tblKonsMouseClicked

    private void cmdSimpanMouseClicked(java.awt.event.MouseEvent evt)
    { //GEN-FIRST:event_cmdSimpanMouseClicked
        String tKode = txtKd_Kons.getText();
        String tNama = txtNm_Kons.getText();
        String tAlamat = txtAlamat.getText();
        String tKota = txtKota.getText();
        String tKdPos = txtKd_Pos.getText();
        String tTlp = txtTlpn.getText();
        String tEmail = txtEmail.getText();

        try {
            if(edit==true){
                stm.executeUpdate("update konsumen set "
                    +
                    "nm_kons='"+tNama+"',alm_kons='"+tAlamat+"',kota_kons='"+tKota+"',kd_pos='"+
tKdPos+"',phone='"+
                    tTlp+"', email='"+tEmail+"' where kd_kons='"+ tKode + "'");
            } else {
                stm.executeUpdate("INSERT into konsumen VALUES"
                    +
                    "("+"'+tKode+'','"+tNama+"','"+tAlamat+"','"+tKota+"', '"+tKdPos+'",
                    "'"+tTlp+"', '"+tEmail+"')");
            }
            tblKons.setModel(new DefaultTableModel(dataTable, header));
            baca_data();
            aktif(false);
            setTombol(true);
        } catch (SQLException e) {
            JOptionPane.showMessageDialog(null, e);
        }
    } //GEN-LAST:event_cmdSimpanMouseClicked

```

```

        private void cmdExportActionPerformed(java.awt.event.ActionEvent evt)
{
//GEN-FIRST:event_cmdExportActionPerformed
        try {
            ExportToExcel ex = new ExportToExcel(tblKons, new
File("DataKonsumen.xls"));
            JOptionPane.showMessageDialog(null, "Sukses Export data.....");
        } catch (Exception e) {
            JOptionPane.showMessageDialog(null, e);
        }
    }
//GEN-LAST:event_cmdExportActionPerformed

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

    // Variables declaration - do not modify//GEN-BEGIN:variables
    private javax.swing.JButton cmdBatal;
    private javax.swing.JButton cmdExport;
    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.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.JScrollPane jScrollPane1;
    private javax.swing.JScrollPane jScrollPane2;
    private javax.swing.JSeparator jSeparator1;
    private javax.swing.JTable tblKons;
    private javax.swing.JTextField txtAlamat;
    private javax.swing.JTextField txtEmail;
    private javax.swing.JTextField txtKd_Kons;
    private javax.swing.JTextField txtKd_Pos;
    private javax.swing.JTextField txtKota;
    private javax.swing.JTextField txtNm_Kons;
    private javax.swing.JTextField txtTlpn;
    // End of variables declaration//GEN-END:variables
}

```

