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**PRAKTIKUM 11**

**Latihan 1 Form Barang**

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| --- |
| **Main.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.sql.\*;  /\*\*   \*   \* @author Restu   \*/  public class Main {      public static void main(String[] args) {          KoneksiMySql kon = new KoneksiMySql("penjualan");          Connection c = kon.getConnection();          System.out.println("c : " + c);      }  } |
| **KoneksiMySql.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;  /\*\*   \*   \* @author Restu   \*/  import java.sql.\*;  public class KoneksiMySql {      String url, usr, pwd, dbn;      public KoneksiMySql(String dbn) {          this.url = "jdbc:mysql://localhost/" + dbn;          this.usr = "root";          this.pwd = "";      }      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");              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;      }  } |
| **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, 4));          txtHargaJual.setText(hargaJual);          String hargaBeli = Double.toString((Double) tblBrg.getValueAt(row, 3));          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();              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();          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");          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");          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.setViewportView(tblBrg);          jScrollPane2.setViewportView(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()                          .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)                              .addComponent(jLabel1)                              .addComponent(jLabel3)                              .addGroup(layout.createSequentialGroup()                                  .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)                                      .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)                                          .addComponent(jLabel2, javax.swing.GroupLayout.Alignment.TRAILING)                                          .addComponent(jLabel4)                                          .addComponent(jLabel8)                                          .addComponent(jLabel5))                                      .addComponent(jLabel6))                                  .addGap(18, 18, 18)                                  .addGroup(layout.createParallelGroup(javax.swing.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\_SIZE, Short.MAX\_VALUE))                      .addGroup(javax.swing.GroupLayout.Alignment.TRAILING, layout.createSequentialGroup()                          .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING)                              .addComponent(jSeparator1, javax.swing.GroupLayout.Alignment.LEADING)                              .addGroup(layout.createSequentialGroup()                                  .addGap(0, 0, Short.MAX\_VALUE)                                  .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)                                      .addGroup(layout.createSequentialGroup()                                          .addComponent(cmdTambah)                                          .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)                                          .addComponent(cmdSimpan)                                          .addGap(12, 12, 12)                                          .addComponent(cmdKoreksi)                                          .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)                                          .addComponent(cmdHapus)                                          .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)                                          .addComponent(cmdBatal)                                          .addPreferredGap(javax.swing.LayoutStyle.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.LEADING)              .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)                  .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 = (javax.swing.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();      }//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 + ",stok\_min=" + stkMin + ",harga\_beli=" + hrgB + "where kd\_brg='" + tKode + "'");              } else {                  stm.executeUpdate("INSERT into barang VALUES('" + tKode + "','" + tNama + "','" + sSatuan + "'," + hrgB + "," + hrgJ + "," + stk + "," + stkMin + ")");              }              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()).log(java.util.logging.Level.SEVERE, null, ex);          } catch (InstantiationException ex) {              java.util.logging.Logger.getLogger(frmBarang.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);          } catch (IllegalAccessException ex) {              java.util.logging.Logger.getLogger(frmBarang.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);          } catch (javax.swing.UnsupportedLookAndFeelException ex) {              java.util.logging.Logger.getLogger(frmBarang.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 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  } |
| **ExportToExcel.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** |
|  |

**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.setViewportView(tblKons);          jScrollPane2.setViewportView(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.ComponentPlacement.UNRELATED)                          .addComponent(cmdKeluar))                      .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.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.ComponentPlacement.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.ComponentPlacement.RELATED)                          .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.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  } |

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| --- |
| **Output** |
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