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PRAKTIKUM 14

Form Login

frmLogin.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;

/**
 *
 * @author Restu
 */
import java.io.File;
import java.text.SimpleDateFormat;
import java.sql.*;
import java.util.Date;
import javax.swing.JOptionPane;
import javax.swing.table.DefaultTableModel;

public class LapPenjualan extends javax.swing.JFrame {
    Connection Con;
    ResultSet RsJual;
    Statement stm;
    PreparedStatement pstat;
    String tgl1, tgl2;
    private Object[][] dataTable = null;
    private String[] header = { "No Jual", "Tanggal", "Nama Konsumen", "Kode
    Barang", "Nama Barang", "Harga Satuan",
        "Jumlah", "Total" };
    DefaultTableModel tableModel = new DefaultTableModel(new Object[][] {},
    header);
```

```

public LapPenjualan() {
    initComponents();
    dtAwal.setDate(new Date());
    dtAakhir.setDate(new Date());
    open_db();
    baca_data();
}

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

private void baca_data() {
    try {
        SimpleDateFormat sdf = new SimpleDateFormat("yyyy-MM-dd");
        tgl1 = sdf.format(dtAwal.getDate());
        tgl2 = sdf.format(dtAakhir.getDate());
        stm = Con.createStatement();
        pstat = Con.prepareStatement(
            "SELECT
a.no_jual,a.tgl_jual,c.nm_kons,d.kd_brg,d.nm_brg,b.harga_jual,b.jml_jual,(b.
harga_jual*b.jml_jual) AS 'totjual' "
            +
            "FROM jual a LEFT JOIN djual b ON
(a.no_jual=b.no_jual) "
            + "LEFT JOIN konsumen c ON (a.kd_kons=c.kd_kons)
"
            + "LEFT JOIN barang d ON (b.kd_brg=d.kd_brg)" +
"where date(a.tgl_jual)>=" + "date('" + tgl1
            + "') and date(a.tgl_jual)<=" + "date('" + tgl2
+ "')order by a.tgl_jual desc",
            ResultSet.TYPE_SCROLL_SENSITIVE,
ResultSet.CONCUR_UPDATABLE);
        RsJual = pstat.executeQuery();
        ResultSetMetaData meta = RsJual.getMetaData();
        int col = meta.getColumnCount();
        int baris = 0;
        while (RsJual.next()) {
            baris = RsJual.getRow();
        }
        dataTable = new Object[baris][col];
        int x = 0;

```

```

        RsJual.beforeFirst();
        while (RsJual.next()) {
            dataTable[x][0] = RsJual.getString("no_jual");
            dataTable[x][1] = RsJual.getDate("tgl_jual");
            dataTable[x][2] = RsJual.getString("nm_kons");
            dataTable[x][3] = RsJual.getString("kd_brg");
            dataTable[x][4] = RsJual.getString("nm_brg");
            dataTable[x][5] = RsJual.getDouble("harga_jual");
            dataTable[x][6] = RsJual.getInt("jml_jual");
            dataTable[x][7] = RsJual.getDouble("totjual");
            x++;
        }
        tblLapJual.setModel(new DefaultTableModel(dataTable, header));
    } catch (SQLException e) {
        JOptionPane.showMessageDialog(null, e);
    }
}

/**
 * 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() {

    jLocaleChooser1 = new com.toedter.components.JLocaleChooser();
    jDayChooser2 = new com.toedter.calendar.JDayChooser();
    dtAwal = new com.toedter.calendar.JDateChooser();
    jLabel1 = new javax.swing.JLabel();
    jLabel2 = new javax.swing.JLabel();
    dtAkhir = new com.toedter.calendar.JDateChooser();
    cmdCari = new javax.swing.JButton();
    jScrollPane1 = new javax.swing.JScrollPane();
    tblLapJual = new javax.swing.JTable();
    cmdExport = new javax.swing.JButton();
    cmdKeluar = new javax.swing.JButton();
    jLabel3 = new javax.swing.JLabel();

    setDefaultCloseOperation(javax.swing.WindowConstants.EXIT_ON_CLOSE);

    dtAwal.setDateFormatString("yyyy-MM-dd");

    jLabel1.setText("Tgl");

```

```

jLabel2.setText("s/d");

dtAkhir.setDateFormatString("yyyy-MM-dd");

cmdCari.setText("Cari");
cmdCari.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        cmdCariActionPerformed(evt);
    }
});

tblLapJual.setModel(new javax.swing.table.DefaultTableModel(
    new Object[][] {
        { null, null, null, null, null, null, null, null },
        { null, null, null, null, null, null, null, null },
        { null, null, null, null, null, null, null, null },
        { null, null, null, null, null, null, null, null }
    },
    new String[] {
        "No Jual", "Tanggal", "Nama Konsumen", "Kode
Barang", "Nama Barang", "Harga Satuan", "Jumlah",
        "Total"
    }
));

jScrollPane1.setViewportView(tblLapJual);

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

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

jLabel3.setFont(new java.awt.Font("Segoe UI", 0, 18)); // NOI18N
jLabel3.setText("LAPORAN TRANSAKSI PENJUALAN");

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(10, 10, 10)
                .addGroup(layout.createParallelGroup(javax.s
wing.GroupLayout.Alignment.LEADING)
                    .addGroup(layout.createSequentialGroup()
                        .addGap(10, 10, 10)
                        .addGroup(layout
                            .createParallelGroup
(javax.swing.GroupLayout.Alignment.LEADING)
                                .addGroup(javax.swin
g.GroupLayout.Alignment.TRAILING, layout
                                    .createSeque
ntialGroup()
                                        .addComponen
t(cmdExport)
                                            .addPreferre
dGap(
                                                java
x.swing.LayoutStyle.ComponentPlacement.RELATED,
                                                java
x.swing.GroupLayout.DEFAULT_SIZE,
                                                Short
t.MAX_VALUE)
                                                    .addComponen
t(cmdKeluar)))
                                                .addGroup(layout.cre
ateSequentialGroup()
                                                    .addComponen
t(jScrollPane1,
                                                        java
x.swing.GroupLayout.PREFERRED_SIZE, 832,
                                                        java
x.swing.GroupLayout.PREFERRED_SIZE)
                                                            .addGap(0,
0, Short.MAX_VALUE)))
                                                    .addContainerGap())
                                                .addGroup(javax.swing.GroupLayout.Al
ignment.TRAILING, layout
                                                    .createSequentialGroup()
                                                        .addGap(0, 0,
Short.MAX_VALUE)
                                                            .addGroup(layout
                                                                .createParallelGroup
(javax.swing.GroupLayout.Alignment.LEADING)
                                                                    .addGroup(layout.cre
ateSequentialGroup()

```

6, 6)	.addGap(6,
t(jLabel1)	.addComponent
dGap(.addPreferre
x.swing.LayoutStyle.ComponentPlacement.UNRELATED)	java
t(dtAwal,	.addComponent
x.swing.GroupLayout.PREFERRED_SIZE,	java
x.swing.GroupLayout.DEFAULT_SIZE,	java
x.swing.GroupLayout.PREFERRED_SIZE)	java
dGap(.addPreferre
x.swing.LayoutStyle.ComponentPlacement.RELATED)	java
t(jLabel2)	.addComponent
dGap(.addPreferre
x.swing.LayoutStyle.ComponentPlacement.RELATED)	java
t(dtAkhir,	.addComponent
x.swing.GroupLayout.PREFERRED_SIZE,	java
x.swing.GroupLayout.DEFAULT_SIZE,	java
x.swing.GroupLayout.PREFERRED_SIZE))	java
	.addGroup(layout
lelGroup(.createParal
x.swing.GroupLayout.Alignment.LEADING)	java
vax.swing.GroupLayout.Alignment.TRAILING,	.addGroup(ja
ut.createSequentialGroup()	layo
.addComponent(jLabel3)	
.addGap(280, 280, 280))	

```

                                                                 .addGroup(ja
vax.swing.GroupLayout.Alignment.TRAILING,
                                                                    layo
ut.createSequentialGroup()

    .addComponent(cmdCari)

    .addGap(390, 390, 390))))))));
        layout.setVerticalGroup(
            layout.createParallelGroup(javax.swing.GroupLayout.Alignment
        .LEADING)

            .addGroup(layout.createSequentialGroup()
                .addGap(8, 8, 8)
                .addComponent(jLabel3)
                .addGap(36, 36, 36)
                .addGroup(layout.createSequentialGroup(javax.s
wing.GroupLayout.Alignment.LEADING, false)
                    .addComponent(dtAkhir,
javax.swing.GroupLayout.Alignment.TRAILING,
                                                                    javax.swing.GroupLayout.DEFA
ULT_SIZE,
                                                                    javax.swing.GroupLayout.DEFA
ULT_SIZE, Short.MAX_VALUE)
                    .addComponent(dtAwal,
javax.swing.GroupLayout.Alignment.TRAILING,
                                                                    javax.swing.GroupLayout.DEFA
ULT_SIZE,
                                                                    javax.swing.GroupLayout.DEFA
ULT_SIZE, Short.MAX_VALUE)
                    .addComponent(jLabel1,
javax.swing.GroupLayout.Alignment.TRAILING,
                                                                    javax.swing.GroupLayout.DEFA
ULT_SIZE,
                                                                    javax.swing.GroupLayout.DEFA
ULT_SIZE, Short.MAX_VALUE)
                    .addComponent(jLabel2,
javax.swing.GroupLayout.DEFAULT_SIZE,
                                                                    javax.swing.GroupLayout.DEFA
ULT_SIZE, Short.MAX_VALUE))
                .addPreferredGap(javax.swing.LayoutStyle.Com
ponentPlacement.RELATED)
                .addComponent(cmdCari)
                .addPreferredGap(javax.swing.LayoutStyle.Com
ponentPlacement.UNRELATED)
                .addComponent(jScrollPane1,
javax.swing.GroupLayout.DEFAULT_SIZE, 179, Short.MAX_VALUE)
                .addGap(18, 18, 18)

```

```

        .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
            .addComponent(cmdExport)
            .addComponent(cmdKeluar))
        .addGap(12, 12, 12)));

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

private void cmdCariActionPerformed(java.awt.event.ActionEvent evt) { // GEN-FIRST:event_cmdCariActionPerformed
    baca_data();
} // GEN-LAST:event_cmdCariActionPerformed

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

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

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

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

// Variables declaration - do not modify//GEN-BEGIN:variables
private javax.swing.JButton cmdCari;
private javax.swing.JButton cmdExport;
private javax.swing.JButton cmdKeluar;
private com.toedter.calendar.JDateChooser dtAkhir;
private com.toedter.calendar.JDateChooser dtAwal;
private com.toedter.calendar.JDayChooser jDayChooser2;
private javax.swing.JLabel jLabel1;
private javax.swing.JLabel jLabel2;
private javax.swing.JLabel jLabel3;
private com.toedter.components.JLocaleChooser jLocaleChooser1;
private javax.swing.JScrollPane jScrollPane1;

```

```
private javax.swing.JTable tblLapJual;
// End of variables declaration//GEN-END:variables
}
```

Output

No Jual	Tanggal	Nama Konsu...	Kode Barang	Nama Barang	Harga Satuan	Jumlah	Total
3	2024-07-05	Restu Lestari	B-0001	Spidol	5.000	3	15000.0
2	2024-07-05	Restu Lestari	B-0002	Buku	10.000	3	30000.0

Export to Excel

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

Tgl: 2024-07-05 s/d 2024-07-05 Cari

No Jual	Tanggal	Nama Konsumen	Kode Barang	Nama Barang	Harga Satuan	Jumlah	Total
3	2024-07-05	Restu Lestari	B-0001	Spidol	5.000	3	15000.0
2	2024-07-05	Restu Lestari	B-0002	Buku	10.000	3	30000.0

Export

Message

i Sukses Export data

OK