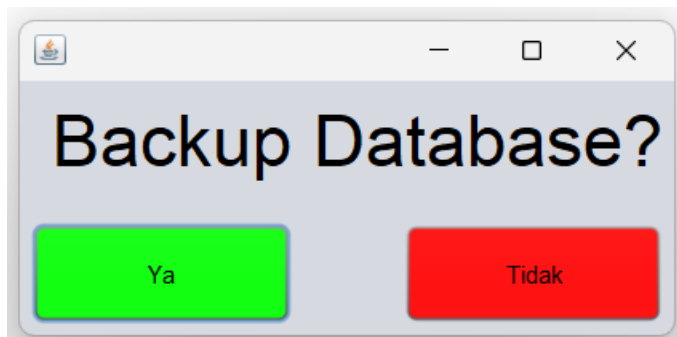# Dokumentasi Praktikum PBO 14A

Mata Kuliah   :   PBO - TI - S1

Pertemuan   :   14A

NIM   :   A11.2021.13254

Nama   :   Yohanes Dimas Pratama

Program Backup

Hasil Program:

Code Program:

*Form_Backup.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 inventori_barang;


import java.io.IOException;
import java.util.logging.*;
import javax.swing.*;


public class frmBackup extends javax.swing.JFrame {
```

```java
/** Creates new form frmBackup */
public frmBackup() {

    initComponents();

}

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

    jPanel1 = new javax.swing.JPanel();
    jLabel1 = new javax.swing.JLabel();
    btnYa = new javax.swing.JButton();
    btnTidak = new javax.swing.JButton();

    setDefaultCloseOperation(javax.swing.WindowConstants.DISPOSE_ON_CLOSE);

    jLabel1.setFont(new java.awt.Font("Dialog", 0, 36)); // NOI18N
    jLabel1.setHorizontalAlignment(javax.swing.SwingConstants.RIGHT);
    jLabel1.setText("Backup Database?");

    btnYa.setBackground(java.awt.Color.green);
    btnYa.setText("Ya");
    btnYa.addActionListener(new java.awt.event.ActionListener() {
        public void actionPerformed(java.awt.event.ActionEvent evt) {
            btnYaActionPerformed(evt);
```

```java
    }

});


btnTidak.setBackground(java.awt.Color.red);

btnTidak.setText("Tidak");

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

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

        btnTidakActionPerformed(evt);

    }

});


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

jPanel1.setLayout(jPanel1Layout);

jPanel1Layout.setHorizontalGroup(

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

    .addGroup(jPanel1Layout.createSequentialGroup()

        .addContainerGap()

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

            .addComponent(jLabel1, javax.swing.GroupLayout.DEFAULT_SIZE, 316,
Short.MAX_VALUE)

            .addGroup(jPanel1Layout.createSequentialGroup()

                .addComponent(btnYa, javax.swing.GroupLayout.PREFERRED_SIZE, 130,
javax.swing.GroupLayout.PREFERRED_SIZE)

                .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)

                .addComponent(btnTidak, javax.swing.GroupLayout.PREFERRED_SIZE, 130,
javax.swing.GroupLayout.PREFERRED_SIZE)))

        .addContainerGap())

);

jPanel1Layout.setVerticalGroup(

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

    .addGroup(jPanel1Layout.createSequentialGroup()
```

```java
                .addContainerGap()

                .addComponent(jLabel1)

                .addGap(18, 18, 18)


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

                    .addComponent(btnYa, javax.swing.GroupLayout.PREFERRED_SIZE, 50,
javax.swing.GroupLayout.PREFERRED_SIZE)

                    .addComponent(btnTidak, javax.swing.GroupLayout.PREFERRED_SIZE, 50,
javax.swing.GroupLayout.PREFERRED_SIZE))

                .addContainerGap(javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE))
        );


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

        getContentPane().setLayout(layout);

        layout.setHorizontalGroup(

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

            .addComponent(jPanel1, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)
        );

        layout.setVerticalGroup(

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

            .addComponent(jPanel1, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)
        );


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


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

        // TODO add your handling code here:

        this.dispose();

    }
```

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

    // TODO add your handling code here:

    String executeCmd;

    executeCmd = "c:/laragon/bin/mysql/mysql-8.0.30-winx64/bin/mysqldump -uroot penjualan -r
C:/"; //ganti sesuai dengan nama user & nama database mysql anda

    try {

        Process runtime = Runtime.getRuntime().exec(executeCmd);

        try {

            int prosescomplete = runtime.waitFor();

            if (prosescomplete==0){

                JOptionPane.showMessageDialog(rootPane, "Backup sukses!");

            }else{

                JOptionPane.showMessageDialog(rootPane, "Backup gagal!");

            }

        } catch (InterruptedException ex) {

            Logger.getLogger(frmBackup.class.getName()).log(Level.SEVERE, null, ex);

        }

    } catch (IOException ex) {

        Logger.getLogger(frmBackup.class.getName()).log(Level.SEVERE, null, ex);

    }

}


/**
 * @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
```

```java
     * 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(frmBackup.class.getName()).log(java.util.logging.Level.SEVERE,
null, ex);

    } catch (InstantiationException ex) {

java.util.logging.Logger.getLogger(frmBackup.class.getName()).log(java.util.logging.Level.SEVERE,
null, ex);

    } catch (IllegalAccessException ex) {

java.util.logging.Logger.getLogger(frmBackup.class.getName()).log(java.util.logging.Level.SEVERE,
null, ex);

    } catch (javax.swing.UnsupportedLookAndFeelException ex) {

java.util.logging.Logger.getLogger(frmBackup.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 frmBackup().setVisible(true);
```

```java
            }
        });
    }
    // Variables declaration - do not modify
    private javax.swing.JButton btnTidak;
    private javax.swing.JButton btnYa;
    private javax.swing.JLabel jLabel1;
    private javax.swing.JPanel jPanel1;
    // End of variables declaration
}
```