**LAPORAN PERTEMUAN - 10**

**MENU RESTORAN SEDERHAN**



**Materi : Pewarisan (Inheritance)**

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**2023**

1. Kode Main Project

/\*

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\*/

package com.mycompany.mavenproject1;

import Form.frmLogin;

/\*\*

\*

\* @author ITD31

\*/

public class Mavenproject1 {

public static void main(String[] args) {

new frmLogin().setVisible(true);

}

}

1. Kode Form Login

/\*

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\*/

package Form;

import javax.swing.JOptionPane;

/\*\*

\*

\* @author ITD31

\*/

public class frmLogin extends javax.swing.JFrame {

String password = "admin";

/\*\*

\* Creates new form frmLogin

\*/

public frmLogin() {

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() {

jPasswordField1 = new javax.swing.JPasswordField();

jLabel1 = new javax.swing.JLabel();

jLabel2 = new javax.swing.JLabel();

jButton\_OK = new javax.swing.JButton();

jButton\_keluar = new javax.swing.JButton();

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

jLabel1.setFont(new java.awt.Font("Tahoma", 1, 12)); // NOI18N

jLabel1.setText("LOGIN KASIR RESTORAN");

jLabel2.setFont(new java.awt.Font("Tahoma", 2, 12)); // NOI18N

jLabel2.setText("password :");

jButton\_OK.setText("OK");

jButton\_OK.addActionListener(new java.awt.event.ActionListener() {

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

jButton\_OKActionPerformed(evt);

}

});

jButton\_keluar.setText("KELUAR");

jButton\_keluar.addActionListener(new java.awt.event.ActionListener() {

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

jButton\_keluarActionPerformed(evt);

}

});

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(35, 35, 35)

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

.addComponent(jLabel2)

.addComponent(jPasswordField1, javax.swing.GroupLayout.PREFERRED\_SIZE, 330, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addGroup(layout.createSequentialGroup()

.addComponent(jButton\_OK)

.addGap(18, 18, 18)

.addComponent(jButton\_keluar)))

.addContainerGap(35, Short.MAX\_VALUE))

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

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

.addComponent(jLabel1)

.addGap(116, 116, 116))

);

layout.setVerticalGroup(

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

.addGroup(layout.createSequentialGroup()

.addContainerGap()

.addComponent(jLabel1)

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

.addComponent(jLabel2)

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

.addComponent(jPasswordField1)

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

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

.addComponent(jButton\_OK)

.addComponent(jButton\_keluar))

.addGap(44, 44, 44))

);

pack();

}// </editor-fold>

private void jButton\_OKActionPerformed(java.awt.event.ActionEvent evt) {

if(jPasswordField1.getText().equals(password)){

JOptionPane.showMessageDialog(null, "password anda benar","pesan",JOptionPane.INFORMATION\_MESSAGE);

new frmMenuRestoran().setVisible(true);

}else{

JOptionPane.showMessageDialog(null, "password anda Salah","pesan",JOptionPane.INFORMATION\_MESSAGE);

} // TODO add your handling code here:

}

private void jButton\_keluarActionPerformed(java.awt.event.ActionEvent evt) {

dispose(); // TODO add your handling code here:

}

/\*\*

\* @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(frmLogin.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

} catch (InstantiationException ex) {

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

} catch (IllegalAccessException ex) {

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

} catch (javax.swing.UnsupportedLookAndFeelException ex) {

java.util.logging.Logger.getLogger(frmLogin.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 frmLogin().setVisible(true);

}

});

}

// Variables declaration - do not modify

private javax.swing.JButton jButton\_OK;

private javax.swing.JButton jButton\_keluar;

private javax.swing.JLabel jLabel1;

private javax.swing.JLabel jLabel2;

private javax.swing.JPasswordField jPasswordField1;

// End of variables declaration

}

1. Kode Form Menu Restoran

/\*

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\*/

package Form;

/\*\*

\*

\* @author ITD31

\*/

public class frmMenuRestoran extends javax.swing.JFrame {

int TehObeng,AirPutih,PecelLele,NasiGoreng,Totalbayar;

/\*\*

\* Creates new form frmMenuRestoran

\*/

public frmMenuRestoran() {

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() {

jLabel1 = new javax.swing.JLabel();

jLabel2 = new javax.swing.JLabel();

jCheckBox1 = new javax.swing.JCheckBox();

jCheckBox2 = new javax.swing.JCheckBox();

jLabel3 = new javax.swing.JLabel();

jRadioButton1 = new javax.swing.JRadioButton();

jRadioButton2 = new javax.swing.JRadioButton();

btnHitung = new javax.swing.JButton();

jLabel4 = new javax.swing.JLabel();

txtTotalBayar = new javax.swing.JTextField();

BtnKeluar = new javax.swing.JButton();

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

jLabel1.setFont(new java.awt.Font("Tahoma", 1, 18)); // NOI18N

jLabel1.setText("MENU RESTORAN SEDERHANA");

jLabel2.setFont(new java.awt.Font("Tahoma", 0, 14)); // NOI18N

jLabel2.setText("Menu Minuman");

jCheckBox1.setFont(new java.awt.Font("Tahoma", 0, 14)); // NOI18N

jCheckBox1.setText("Teh Obeng (Rp. 3000)");

jCheckBox2.setFont(new java.awt.Font("Tahoma", 0, 14)); // NOI18N

jCheckBox2.setText("Air Putih (Rp. 1000)");

jLabel3.setFont(new java.awt.Font("Tahoma", 0, 14)); // NOI18N

jLabel3.setText("Menu Makanan");

jRadioButton1.setFont(new java.awt.Font("Tahoma", 0, 14)); // NOI18N

jRadioButton1.setText("Pecel Lele + Nasi Putih (Rp. 15000)");

jRadioButton2.setFont(new java.awt.Font("Tahoma", 0, 14)); // NOI18N

jRadioButton2.setText("Nasi Goreng Spesial (Rp. 20000)");

btnHitung.setFont(new java.awt.Font("Tahoma", 0, 14)); // NOI18N

btnHitung.setText("Hitung");

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

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

btnHitungActionPerformed(evt);

}

});

jLabel4.setFont(new java.awt.Font("Tahoma", 0, 14)); // NOI18N

jLabel4.setText("TOTAL bAYAR :");

BtnKeluar.setFont(new java.awt.Font("Tahoma", 0, 14)); // NOI18N

BtnKeluar.setText("KELUAR");

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

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

BtnKeluarActionPerformed(evt);

}

});

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(30, 30, 30)

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

.addGroup(layout.createSequentialGroup()

.addComponent(jLabel4)

.addGap(18, 18, 18)

.addComponent(txtTotalBayar))

.addGroup(layout.createSequentialGroup()

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

.addGroup(layout.createSequentialGroup()

.addComponent(jLabel2)

.addGap(18, 18, 18)

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

.addComponent(jCheckBox2)

.addComponent(jCheckBox1)))

.addGroup(layout.createSequentialGroup()

.addComponent(jLabel3)

.addGap(18, 18, 18)

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

.addComponent(jRadioButton2)

.addComponent(jRadioButton1)

.addComponent(btnHitung))))

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

.addGap(18, 18, 18)

.addComponent(BtnKeluar)

.addContainerGap())

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

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

.addComponent(jLabel1)

.addGap(91, 91, 91))

);

layout.setVerticalGroup(

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

.addGroup(layout.createSequentialGroup()

.addContainerGap()

.addComponent(jLabel1)

.addGap(18, 18, 18)

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

.addComponent(jLabel2)

.addComponent(jCheckBox1))

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

.addComponent(jCheckBox2)

.addGap(18, 18, 18)

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

.addComponent(jLabel3)

.addComponent(jRadioButton1))

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

.addComponent(jRadioButton2)

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

.addComponent(btnHitung)

.addGap(32, 32, 32)

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

.addComponent(jLabel4)

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

.addComponent(BtnKeluar))

.addContainerGap(12, Short.MAX\_VALUE))

);

pack();

}// </editor-fold>

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

dispose(); // TODO add your handling code here:

}

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

Totalbayar = 0;

if (jCheckBox1.isSelected()){

TehObeng = 3000;

}else{

TehObeng = 0;

}

if(jCheckBox2.isSelected()){AirPutih = 1000;}else{AirPutih = 0;}

if(jRadioButton1.isSelected()){PecelLele = 15000;}else{PecelLele = 0;}

if(jRadioButton2.isSelected()){NasiGoreng = 20000;}else{NasiGoreng = 0;}

Totalbayar = TehObeng + AirPutih + PecelLele + NasiGoreng ;

txtTotalBayar.setText(Double.toString(Totalbayar));// TODO add your handling code here:

}

/\*\*

\* @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(frmMenuRestoran.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

} catch (InstantiationException ex) {

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

} catch (IllegalAccessException ex) {

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

} catch (javax.swing.UnsupportedLookAndFeelException ex) {

java.util.logging.Logger.getLogger(frmMenuRestoran.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 frmMenuRestoran().setVisible(true);

}

});

}

// Variables declaration - do not modify

private javax.swing.JButton BtnKeluar;

private javax.swing.JButton btnHitung;

private javax.swing.JCheckBox jCheckBox1;

private javax.swing.JCheckBox jCheckBox2;

private javax.swing.JLabel jLabel1;

private javax.swing.JLabel jLabel2;

private javax.swing.JLabel jLabel3;

private javax.swing.JLabel jLabel4;

private javax.swing.JRadioButton jRadioButton1;

private javax.swing.JRadioButton jRadioButton2;

private javax.swing.JTextField txtTotalBayar;

// End of variables declaration

}



