**Laporan Tugas Kasir Restaurant Menggunakan Java**

Nama : Damarfana Rakhima Wahab

NIM : 18050623004

Prodi : D3 Manajemen Informatika

1. Menu login



1. Transaksi



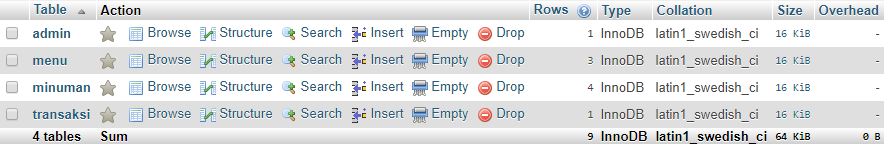
1. Input Menu Makanan dan Minuman



1. Laporan



1. Data base



Source code koneksi

|  |
| --- |
| import com.mysql.jdbc.Connection;  import java.sql.DriverManager;  import java.sql.ResultSet;  import java.sql.SQLException;  import java.sql.Statement;  import java.util.logging.Level;  import java.util.logging.Logger;    /\*\*  \*  \* @author arifin  \*/  public class KoneksiDB {  public static Connection setKoneksi() {  String konString = "jdbc:mysql://localhost/pbo\_resto";  Connection koneksi = null;  try {  Class.forName("com.mysql.jdbc.Driver");  koneksi = (Connection)  DriverManager.getConnection(konString,"root","");  System.out.println("Koneksi Berhasil");  } catch (ClassNotFoundException ex) {  Logger.getLogger(KoneksiDB.class.getName()).log(Level.SEVERE, null, ex);  System.out.println("Koneksi Gagal");  } catch (SQLException ex) {  Logger.getLogger(KoneksiDB.class.getName()).log(Level.SEVERE, null, ex);  System.out.println("Koneksi Gagal");  }  return koneksi;  }    public static int execute(String SQL) {  int status = 0;  Connection koneksi = setKoneksi();  try {  Statement st = koneksi.createStatement();  status = st.executeUpdate(SQL);  } catch (SQLException ex) {  Logger.getLogger(KoneksiDB.class.getName()).log(Level.SEVERE, null, ex);  }  return status;  }  public static ResultSet executeQuery(String SQL) {  ResultSet rs = null;  Connection koneksi = setKoneksi();  try {  Statement st = koneksi.createStatement();  rs = st.executeQuery(SQL);  } catch (SQLException ex) {  Logger.getLogger(KoneksiDB.class.getName()).log(Level.SEVERE, null, ex);  }  return rs;  }    static Object GetConnection() {  throw new UnsupportedOperationException("Not supported yet.");  }  } |

Source code login

|  |
| --- |
| import java.sql.Connection;  import java.sql.DriverManager;  import java.sql.PreparedStatement;  import java.sql.ResultSet;  import java.sql.SQLException;  import javax.swing.JOptionPane;  /\*  \* To change this license header, choose License Headers in Project Properties.  \* To change this template file, choose Tools | Templates  \* and open the template in the editor.  \*/  /\*\*  \*  \* @author Wildan  \*/  public class Login extends javax.swing.JFrame {  /\*\*  \* Creates new form Login  \*/  public Login() {  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();  jLabel4 = new javax.swing.JLabel();  username = new javax.swing.JTextField();  jLabel2 = new javax.swing.JLabel();  jLabel3 = new javax.swing.JLabel();  password = new javax.swing.JPasswordField();  login = new javax.swing.JButton();  setDefaultCloseOperation(javax.swing.WindowConstants.EXIT\_ON\_CLOSE);  setTitle("Login - RESTO");  setResizable(false);  getContentPane().setLayout(null);  jPanel1.setBackground(new java.awt.Color(0, 90, 51));  jPanel1.setLayout(null);  jLabel1.setFont(new java.awt.Font("Verdana", 1, 24)); // NOI18N  jLabel1.setForeground(new java.awt.Color(255, 255, 255));  jLabel1.setHorizontalAlignment(javax.swing.SwingConstants.CENTER);  jLabel1.setText("BAROKAH");  jPanel1.add(jLabel1);  jLabel1.setBounds(20, 160, 140, 50);  jLabel4.setFont(new java.awt.Font("Tahoma", 0, 5)); // NOI18N  jLabel4.setHorizontalAlignment(javax.swing.SwingConstants.CENTER);  jLabel4.setIcon(new javax.swing.ImageIcon(getClass().getResource("/logo1.png"))); // NOI18N  jLabel4.setDisabledIcon(new javax.swing.ImageIcon(getClass().getResource("/logo1.png"))); // NOI18N  jPanel1.add(jLabel4);  jLabel4.setBounds(0, 50, 180, 108);  getContentPane().add(jPanel1);  jPanel1.setBounds(0, -10, 180, 230);  username.addActionListener(new java.awt.event.ActionListener() {  public void actionPerformed(java.awt.event.ActionEvent evt) {  usernameActionPerformed(evt);  }  });  getContentPane().add(username);  username.setBounds(210, 50, 240, 30);  jLabel2.setText("Username");  getContentPane().add(jLabel2);  jLabel2.setBounds(210, 30, 60, 14);  jLabel3.setText("Password");  getContentPane().add(jLabel3);  jLabel3.setBounds(210, 90, 60, 14);  getContentPane().add(password);  password.setBounds(210, 110, 240, 30);  login.setText("Login");  login.addActionListener(new java.awt.event.ActionListener() {  public void actionPerformed(java.awt.event.ActionEvent evt) {  loginActionPerformed(evt);  }  });  getContentPane().add(login);  login.setBounds(210, 150, 240, 40);  setSize(new java.awt.Dimension(495, 245));  setLocationRelativeTo(null);  }// </editor-fold>  private void usernameActionPerformed(java.awt.event.ActionEvent evt) {  // TODO add your handling code here:  }  private void loginActionPerformed(java.awt.event.ActionEvent evt) {  Connection connection;  PreparedStatement ps;  try{  connection = DriverManager.getConnection("jdbc:mysql://localhost/pbo\_resto?zeroDateTimeBehavior=convertToNull","root","");  ps = connection.prepareStatement("SELECT username,password FROM admin WHERE username = '"+username.getText()+"' AND password = '"+password.getText()+"'");  ResultSet result = ps.executeQuery();  System.out.println(result);  if(result.next()){  new Transaksi().show();  this.dispose();  }  else {  JOptionPane.showMessageDialog(rootPane, "Salah !");  password.setText("");  username.requestFocus();  }  } catch (SQLException ex){  System.out.println(ex.toString());  JOptionPane.showMessageDialog(rootPane, "gagal");  }  }  /\*\*  \* @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(Login.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);  } catch (InstantiationException ex) {  java.util.logging.Logger.getLogger(Login.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);  } catch (IllegalAccessException ex) {  java.util.logging.Logger.getLogger(Login.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);  } catch (javax.swing.UnsupportedLookAndFeelException ex) {  java.util.logging.Logger.getLogger(Login.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 Login().setVisible(true);  }  });  }  // Variables declaration - do not modify  private javax.swing.JLabel jLabel1;  private javax.swing.JLabel jLabel2;  private javax.swing.JLabel jLabel3;  private javax.swing.JLabel jLabel4;  private javax.swing.JPanel jPanel1;  private javax.swing.JButton login;  private javax.swing.JPasswordField password;  private javax.swing.JTextField username;  // End of variables declaration  } |

Source code transaksi

|  |
| --- |
| import java.awt.event.ActionEvent;  import java.awt.event.ActionListener;  import java.sql.ResultSet;  import java.sql.SQLException;  import java.text.DateFormat;  import java.text.SimpleDateFormat;  import java.util.Date;  import java.util.logging.Level;  import java.util.logging.Logger;  import javax.swing.JOptionPane;  import javax.swing.table.DefaultTableModel;  import jdk.nashorn.internal.runtime.JSType;  /\*  \* To change this license header, choose License Headers in Project Properties.  \* To change this template file, choose Tools | Templates  \* and open the template in the editor.  \*/  /\*\*  \*  \* @author Wildan  \*/  public class Transaksi extends javax.swing.JFrame {  /\*\*  \* Creates new form Transaksi  \*/  public Transaksi() {  initComponents();  getMenu();  getMinum();  pilihMenu();  pilihMinum();  hargaMenu();  hargaMinum();  }  /\*\*  \* 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() {  jToggleButton1 = new javax.swing.JToggleButton();  jTabbedPane3 = new javax.swing.JTabbedPane();  jPanel1 = new javax.swing.JPanel();  jTextFieldPembeli = new javax.swing.JTextField();  jComboBoxMenu = new javax.swing.JComboBox<String>();  jLabel1 = new javax.swing.JLabel();  jLabel2 = new javax.swing.JLabel();  jButton4 = new javax.swing.JButton();  jLabel6 = new javax.swing.JLabel();  jLabelHarga = new javax.swing.JLabel();  jLabel8 = new javax.swing.JLabel();  jTextFieldBayar = new javax.swing.JTextField();  jComboBoxMenu1 = new javax.swing.JComboBox<String>();  jLabel10 = new javax.swing.JLabel();  jLabelHarga1 = new javax.swing.JLabel();  jLabelHarga2 = new javax.swing.JLabel();  jButton6 = new javax.swing.JButton();  jLabel11 = new javax.swing.JLabel();  jPanel3 = new javax.swing.JPanel();  jLabel4 = new javax.swing.JLabel();  jLabel5 = new javax.swing.JLabel();  jTextMenu = new javax.swing.JTextField();  jTextHarga = new javax.swing.JTextField();  minum = new javax.swing.JTextField();  hargaminum = new javax.swing.JTextField();  jButton1 = new javax.swing.JButton();  jButton5 = new javax.swing.JButton();  jLabel7 = new javax.swing.JLabel();  jLabel9 = new javax.swing.JLabel();  jButton3 = new javax.swing.JButton();  jButton2 = new javax.swing.JButton();  jPanel2 = new javax.swing.JPanel();  jLabel3 = new javax.swing.JLabel();  jToggleButton1.setText("jToggleButton1");  setDefaultCloseOperation(javax.swing.WindowConstants.EXIT\_ON\_CLOSE);  setResizable(false);  getContentPane().setLayout(null);  jPanel1.setLayout(null);  jTextFieldPembeli.addActionListener(new java.awt.event.ActionListener() {  public void actionPerformed(java.awt.event.ActionEvent evt) {  jTextFieldPembeliActionPerformed(evt);  }  });  jPanel1.add(jTextFieldPembeli);  jTextFieldPembeli.setBounds(120, 10, 180, 30);  jComboBoxMenu.addActionListener(new java.awt.event.ActionListener() {  public void actionPerformed(java.awt.event.ActionEvent evt) {  jComboBoxMenuActionPerformed(evt);  }  });  jPanel1.add(jComboBoxMenu);  jComboBoxMenu.setBounds(120, 50, 180, 30);  jLabel1.setText("Pembeli");  jPanel1.add(jLabel1);  jLabel1.setBounds(40, 20, 70, 14);  jLabel2.setText("Makanan");  jPanel1.add(jLabel2);  jLabel2.setBounds(40, 60, 60, 14);  jButton4.setText("Submit");  jButton4.addActionListener(new java.awt.event.ActionListener() {  public void actionPerformed(java.awt.event.ActionEvent evt) {  jButton4ActionPerformed(evt);  }  });  jPanel1.add(jButton4);  jButton4.setBounds(230, 230, 70, 30);  jLabel6.setText("Harga Makanan");  jPanel1.add(jLabel6);  jLabel6.setBounds(40, 130, 80, 14);  jLabelHarga.setText("Rp 0");  jPanel1.add(jLabelHarga);  jLabelHarga.setBounds(130, 130, 180, 14);  jLabel8.setText("Bayar");  jPanel1.add(jLabel8);  jLabel8.setBounds(40, 200, 60, 14);  jTextFieldBayar.addActionListener(new java.awt.event.ActionListener() {  public void actionPerformed(java.awt.event.ActionEvent evt) {  jTextFieldBayarActionPerformed(evt);  }  });  jPanel1.add(jTextFieldBayar);  jTextFieldBayar.setBounds(120, 190, 180, 30);  jComboBoxMenu1.addActionListener(new java.awt.event.ActionListener() {  public void actionPerformed(java.awt.event.ActionEvent evt) {  jComboBoxMenu1ActionPerformed(evt);  }  });  jPanel1.add(jComboBoxMenu1);  jComboBoxMenu1.setBounds(120, 90, 180, 30);  jLabel10.setText("Harga Minuman");  jPanel1.add(jLabel10);  jLabel10.setBounds(40, 150, 80, 14);  jLabelHarga1.setText("Rp 0");  jPanel1.add(jLabelHarga1);  jLabelHarga1.setBounds(130, 150, 180, 14);  jLabelHarga2.setText("Rp 15.000");  jPanel1.add(jLabelHarga2);  jLabelHarga2.setBounds(130, 170, 180, 14);  jButton6.setText("=");  jButton6.addActionListener(new java.awt.event.ActionListener() {  public void actionPerformed(java.awt.event.ActionEvent evt) {  jButton6ActionPerformed(evt);  }  });  jPanel1.add(jButton6);  jButton6.setBounds(40, 170, 50, 23);  jLabel11.setText("Minuman");  jPanel1.add(jLabel11);  jLabel11.setBounds(40, 100, 60, 14);  jTabbedPane3.addTab("Transaksi", jPanel1);  jPanel3.setLayout(null);  jLabel4.setText("Makanan");  jPanel3.add(jLabel4);  jLabel4.setBounds(40, 30, 60, 14);  jLabel5.setText("Harga");  jPanel3.add(jLabel5);  jLabel5.setBounds(40, 80, 60, 14);  jTextMenu.addActionListener(new java.awt.event.ActionListener() {  public void actionPerformed(java.awt.event.ActionEvent evt) {  jTextMenuActionPerformed(evt);  }  });  jPanel3.add(jTextMenu);  jTextMenu.setBounds(120, 20, 180, 30);  jTextHarga.setCursor(new java.awt.Cursor(java.awt.Cursor.TEXT\_CURSOR));  jPanel3.add(jTextHarga);  jTextHarga.setBounds(120, 60, 180, 30);  minum.addActionListener(new java.awt.event.ActionListener() {  public void actionPerformed(java.awt.event.ActionEvent evt) {  minumActionPerformed(evt);  }  });  jPanel3.add(minum);  minum.setBounds(120, 140, 180, 30);  hargaminum.addActionListener(new java.awt.event.ActionListener() {  public void actionPerformed(java.awt.event.ActionEvent evt) {  hargaminumActionPerformed(evt);  }  });  jPanel3.add(hargaminum);  hargaminum.setBounds(120, 180, 180, 30);  jButton1.setText("Submit");  jButton1.addActionListener(new java.awt.event.ActionListener() {  public void actionPerformed(java.awt.event.ActionEvent evt) {  jButton1ActionPerformed(evt);  }  });  jPanel3.add(jButton1);  jButton1.setBounds(230, 100, 70, 30);  jButton5.setText("Submit");  jButton5.addActionListener(new java.awt.event.ActionListener() {  public void actionPerformed(java.awt.event.ActionEvent evt) {  jButton5ActionPerformed(evt);  }  });  jPanel3.add(jButton5);  jButton5.setBounds(230, 230, 70, 30);  jLabel7.setText("Minuman");  jPanel3.add(jLabel7);  jLabel7.setBounds(40, 150, 60, 14);  jLabel9.setText("Harga");  jPanel3.add(jLabel9);  jLabel9.setBounds(40, 190, 50, 14);  jButton3.setText("Laporan");  jButton3.addActionListener(new java.awt.event.ActionListener() {  public void actionPerformed(java.awt.event.ActionEvent evt) {  jButton3ActionPerformed(evt);  }  });  jPanel3.add(jButton3);  jButton3.setBounds(100, 230, 90, 30);  jButton2.setText("Exit");  jButton2.addActionListener(new java.awt.event.ActionListener() {  public void actionPerformed(java.awt.event.ActionEvent evt) {  jButton2ActionPerformed(evt);  }  });  jPanel3.add(jButton2);  jButton2.setBounds(20, 230, 51, 30);  jTabbedPane3.addTab("Menu", jPanel3);  getContentPane().add(jTabbedPane3);  jTabbedPane3.setBounds(20, 90, 360, 300);  jPanel2.setBackground(new java.awt.Color(0, 90, 51));  jPanel2.setLayout(null);  jLabel3.setFont(new java.awt.Font("Verdana", 1, 24)); // NOI18N  jLabel3.setForeground(new java.awt.Color(255, 255, 255));  jLabel3.setHorizontalAlignment(javax.swing.SwingConstants.CENTER);  jLabel3.setText("WARTEG BAROKAH");  jPanel2.add(jLabel3);  jLabel3.setBounds(60, 30, 280, 50);  getContentPane().add(jPanel2);  jPanel2.setBounds(0, -10, 400, 100);  setSize(new java.awt.Dimension(412, 467));  setLocationRelativeTo(null);  }// </editor-fold>    private void jTextFieldPembeliActionPerformed(java.awt.event.ActionEvent evt) {  // TODO add your handling code here:  }  private void jComboBoxMenuActionPerformed(java.awt.event.ActionEvent evt) {  // TODO add your handling code here:  }  private void jButton3ActionPerformed(java.awt.event.ActionEvent evt) {  this.dispose();  new Laporan().setVisible(true);  }  private void jButton2ActionPerformed(java.awt.event.ActionEvent evt) {  dispose();  }  private void jButton1ActionPerformed(java.awt.event.ActionEvent evt) {  String menu = jTextMenu.getText();  String harga = jTextHarga.getText();    if("".equals(menu) || "".equals(harga)) {  JOptionPane.showMessageDialog(this, "Harap Lengkapi Data", "Error", JOptionPane.WARNING\_MESSAGE);  } else {  try {  int iharga = Integer.parseInt(harga);  } catch(Exception e) {  JOptionPane.showMessageDialog(this, "Harga harus angka", "Error", JOptionPane.WARNING\_MESSAGE);  jTextHarga.setText("");  return;  }    String SQL = "INSERT INTO `menu`(`nama`,`harga`) VALUES('"+menu+"',"+harga+")";  int status = KoneksiDB.execute(SQL);  if(status==1){  JOptionPane.showMessageDialog(this, "Menu berhasil ditambahkan", "Sukses", JOptionPane.INFORMATION\_MESSAGE);  getMenu();  jTextMenu.setText("");  jTextHarga.setText("");  } else {  JOptionPane.showMessageDialog(this,"Menu gagal ditambahkan", "Gagal", JOptionPane.WARNING\_MESSAGE);  }  }  }  private void jTextFieldBayarActionPerformed(java.awt.event.ActionEvent evt) {  // TODO add your handling code here:  }  private void jButton4ActionPerformed(java.awt.event.ActionEvent evt) {  String pembeli = jTextFieldPembeli.getText();  String bayar = jTextFieldBayar.getText();  String pesanan = (String) jComboBoxMenu.getSelectedItem();  int harga = Integer.parseInt(hargaMenu());    if("".equals(pembeli) || "".equals(jTextFieldBayar.getText())) {  JOptionPane.showMessageDialog(this, "Harap Lengkapi Data", "Error", JOptionPane.WARNING\_MESSAGE);  } else {  try {  int ibayar = Integer.parseInt(bayar);  } catch(Exception e) {  JOptionPane.showMessageDialog(this, "Bayar harus angka", "Error", JOptionPane.WARNING\_MESSAGE);  jTextHarga.setText("");  return;  }  int ibayar = Integer.parseInt(bayar);  int kembali = 0;  if(ibayar > harga) {  kembali = ibayar-harga;  } else if(harga > ibayar) {  JOptionPane.showMessageDialog(this, "Uang tidak cukup", "Error", JOptionPane.WARNING\_MESSAGE);  return;  }    DateFormat dateFormat = new SimpleDateFormat("yyyy/MM/dd");  Date tanggal = new Date();    String SQL = "INSERT INTO `transaksi`(`tanggal`,`pembeli`,`makanan`,`harga\_makanan`,`minuman`,`harga\_`minuman`,total`,`kembalian`) VALUES('"+dateFormat.format(tanggal)+"','"+pembeli+"','"+pesanan+"',"+bayar+","+harga+","+kembali+")";  int status = KoneksiDB.execute(SQL);  if(status==1){  JOptionPane.showMessageDialog(this, "Transaksi berhasil\nKembali: Rp "+kembali, "Sukses", JOptionPane.INFORMATION\_MESSAGE);  jTextFieldBayar.setText("");  jTextFieldPembeli.setText("");  } else {  JOptionPane.showMessageDialog(this,"Transaksi gagal", "Gagal", JOptionPane.WARNING\_MESSAGE);  }  }  }  private void hargaminumActionPerformed(java.awt.event.ActionEvent evt) {  // TODO add your handling code here:  }  private void jTextMenuActionPerformed(java.awt.event.ActionEvent evt) {  // TODO add your handling code here:  }  private void minumActionPerformed(java.awt.event.ActionEvent evt) {  // TODO add your handling code here:  }  private void jButton5ActionPerformed(java.awt.event.ActionEvent evt) {  String menu = minum.getText();  String harga = hargaminum.getText();    if("".equals(menu) || "".equals(harga)) {  JOptionPane.showMessageDialog(this, "Harap Lengkapi Data", "Error", JOptionPane.WARNING\_MESSAGE);  } else {  try {  int iharga = Integer.parseInt(harga);  } catch(Exception e) {  JOptionPane.showMessageDialog(this, "Harga harus angka", "Error", JOptionPane.WARNING\_MESSAGE);  jTextHarga.setText("");  return;  }    String SQL = "INSERT INTO `minuman`(`nama`,`harga`) VALUES('"+menu+"',"+harga+")";  int status = KoneksiDB.execute(SQL);  if(status==1){  JOptionPane.showMessageDialog(this, "Menu berhasil ditambahkan", "Sukses", JOptionPane.INFORMATION\_MESSAGE);  getMenu();  jTextMenu.setText("");  jTextHarga.setText("");  } else {  JOptionPane.showMessageDialog(this,"Menu gagal ditambahkan", "Gagal", JOptionPane.WARNING\_MESSAGE);  }  }    }  private void jComboBoxMenu1ActionPerformed(java.awt.event.ActionEvent evt) {  // TODO add your handling code here:  }  private void jButton6ActionPerformed(java.awt.event.ActionEvent evt) {  // TODO add your handling code here:  }  private void getMenu() {  String SQL = "SELECT \* FROM `menu`";  ResultSet rs = KoneksiDB.executeQuery(SQL);  try{  jComboBoxMenu.removeAllItems();  while(rs.next()) {  String nama = rs.getString(2);  jComboBoxMenu.addItem(nama);  }  } catch (SQLException ex){  Logger.getLogger(Transaksi.class.getName()).log(Level.SEVERE,null,ex);  }  }  private void getMinum() {  String SQL = "SELECT \* FROM `minuman`";  ResultSet rs = KoneksiDB.executeQuery(SQL);  try{  jComboBoxMenu1.removeAllItems();  while(rs.next()) {  String nama = rs.getString(2);  jComboBoxMenu1.addItem(nama);  }  } catch (SQLException ex){  Logger.getLogger(Transaksi.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 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(Transaksi.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);  } catch (InstantiationException ex) {  java.util.logging.Logger.getLogger(Transaksi.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);  } catch (IllegalAccessException ex) {  java.util.logging.Logger.getLogger(Transaksi.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);  } catch (javax.swing.UnsupportedLookAndFeelException ex) {  java.util.logging.Logger.getLogger(Transaksi.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 Transaksi().setVisible(true);  }  });  }  // Variables declaration - do not modify  private javax.swing.JTextField hargaminum;  private javax.swing.JButton jButton1;  private javax.swing.JButton jButton2;  private javax.swing.JButton jButton3;  private javax.swing.JButton jButton4;  private javax.swing.JButton jButton5;  private javax.swing.JButton jButton6;  private javax.swing.JComboBox<String> jComboBoxMenu;  private javax.swing.JComboBox<String> jComboBoxMenu1;  private javax.swing.JLabel jLabel1;  private javax.swing.JLabel jLabel10;  private javax.swing.JLabel jLabel11;  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.JLabel jLabel9;  private javax.swing.JLabel jLabelHarga;  private javax.swing.JLabel jLabelHarga1;  private javax.swing.JLabel jLabelHarga2;  private javax.swing.JPanel jPanel1;  private javax.swing.JPanel jPanel2;  private javax.swing.JPanel jPanel3;  private javax.swing.JTabbedPane jTabbedPane3;  private javax.swing.JTextField jTextFieldBayar;  private javax.swing.JTextField jTextFieldPembeli;  private javax.swing.JTextField jTextHarga;  private javax.swing.JTextField jTextMenu;  private javax.swing.JToggleButton jToggleButton1;  private javax.swing.JTextField minum;  // End of variables declaration  private void pilihMenu() {  jComboBoxMenu.addActionListener (new ActionListener () {  @Override  public void actionPerformed(ActionEvent ae) {  hargaMenu();    }  });  }  private void pilihMinum() {  jComboBoxMenu1.addActionListener (new ActionListener () {  @Override  public void actionPerformed(ActionEvent ae) {  hargaMinum();    }  });  }  private String hargaMenu() {  String selected = (String) jComboBoxMenu.getSelectedItem();    String SQL = "SELECT `harga` FROM `menu` WHERE nama='"+selected+"'";  ResultSet rs = KoneksiDB.executeQuery(SQL);  String harga = "";  try {  while(rs.next())  harga = rs.getString(1);  } catch (SQLException ex) {  Logger.getLogger(Transaksi.class.getName()).log(Level.SEVERE, null, ex);  }  jLabelHarga.setText("Rp "+harga);  return harga;  }  private String hargaMinum() {  String selected = (String) jComboBoxMenu1.getSelectedItem();    String SQL = "SELECT `harga` FROM `minuman` WHERE nama='"+selected+"'";  ResultSet rs = KoneksiDB.executeQuery(SQL);  String harga = "";  try {  while(rs.next())  harga = rs.getString(1);  } catch (SQLException ex) {  Logger.getLogger(Transaksi.class.getName()).log(Level.SEVERE, null, ex);  }  jLabelHarga1.setText("Rp "+harga);  return harga;  }  } |

Source code laporan

|  |
| --- |
| import java.sql.ResultSet;  import java.sql.SQLException;  import java.text.ParseException;  import java.text.SimpleDateFormat;  import java.util.Date;  import java.util.logging.Level;  import java.util.logging.Logger;  import javax.swing.table.DefaultTableModel;  /\*  \* To change this license header, choose License Headers in Project Properties.  \* To change this template file, choose Tools | Templates  \* and open the template in the editor.  \*/  /\*\*  \*  \* @author Wildan  \*/  public class Laporan extends javax.swing.JFrame {  /\*\*  \* Creates new form Laporan  \*/  public Laporan() {  initComponents();  try {  refresh();  } catch (ParseException ex) {  Logger.getLogger(Laporan.class.getName()).log(Level.SEVERE, null, ex);  }  }  /\*\*  \* 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();  jLabel4 = new javax.swing.JLabel();  jScrollPane1 = new javax.swing.JScrollPane();  tblData = new javax.swing.JTable();  jButton1 = new javax.swing.JButton();  jPanel2 = new javax.swing.JPanel();  jLabel2 = new javax.swing.JLabel();  jButton2 = new javax.swing.JButton();  jButton3 = new javax.swing.JButton();  jPanel1.setBackground(new java.awt.Color(0, 0, 51));  jPanel1.setLayout(null);  jLabel1.setFont(new java.awt.Font("Verdana", 1, 24)); // NOI18N  jLabel1.setForeground(new java.awt.Color(255, 255, 255));  jLabel1.setHorizontalAlignment(javax.swing.SwingConstants.CENTER);  jLabel1.setText("RESTO");  jPanel1.add(jLabel1);  jLabel1.setBounds(30, 150, 120, 50);  jLabel4.setFont(new java.awt.Font("Tahoma", 0, 5)); // NOI18N  jLabel4.setHorizontalAlignment(javax.swing.SwingConstants.CENTER);  jLabel4.setIcon(new javax.swing.ImageIcon(getClass().getResource("/logo1.png"))); // NOI18N  jLabel4.setDisabledIcon(new javax.swing.ImageIcon(getClass().getResource("/logo1.png"))); // NOI18N  jPanel1.add(jLabel4);  jLabel4.setBounds(0, 50, 180, 108);  setDefaultCloseOperation(javax.swing.WindowConstants.EXIT\_ON\_CLOSE);  getContentPane().setLayout(null);  tblData.setModel(new javax.swing.table.DefaultTableModel(  new Object [][] {  },  new String [] {  "Tanggal", "Pembeli", "Makanan", "Minuman", "Harga Makanan", "Harga Minuman"  }  ) {  boolean[] canEdit = new boolean [] {  false, false, false, false, false, true  };  public boolean isCellEditable(int rowIndex, int columnIndex) {  return canEdit [columnIndex];  }  });  jScrollPane1.setViewportView(tblData);  getContentPane().add(jScrollPane1);  jScrollPane1.setBounds(0, 80, 700, 125);  jButton1.setText("Refresh");  jButton1.addActionListener(new java.awt.event.ActionListener() {  public void actionPerformed(java.awt.event.ActionEvent evt) {  jButton1ActionPerformed(evt);  }  });  getContentPane().add(jButton1);  jButton1.setBounds(300, 230, 73, 30);  jPanel2.setBackground(new java.awt.Color(0, 90, 51));  jPanel2.setLayout(null);  jLabel2.setFont(new java.awt.Font("Gabriola", 1, 24)); // NOI18N  jLabel2.setForeground(new java.awt.Color(255, 255, 255));  jLabel2.setHorizontalAlignment(javax.swing.SwingConstants.CENTER);  jLabel2.setText("WARTEG BAROKAH");  jPanel2.add(jLabel2);  jLabel2.setBounds(170, 0, 340, 70);  getContentPane().add(jPanel2);  jPanel2.setBounds(0, 0, 700, 80);  jButton2.setText("Exit");  jButton2.addActionListener(new java.awt.event.ActionListener() {  public void actionPerformed(java.awt.event.ActionEvent evt) {  jButton2ActionPerformed(evt);  }  });  getContentPane().add(jButton2);  jButton2.setBounds(30, 230, 51, 30);  jButton3.setText("Transaksi");  jButton3.addActionListener(new java.awt.event.ActionListener() {  public void actionPerformed(java.awt.event.ActionEvent evt) {  jButton3ActionPerformed(evt);  }  });  getContentPane().add(jButton3);  jButton3.setBounds(90, 230, 90, 30);  setSize(new java.awt.Dimension(717, 319));  setLocationRelativeTo(null);  }// </editor-fold>    public void refresh() throws ParseException {    String kolom[] = {"Tanggal","Pembeli","Makanan","Minuman","Harga Makanan","Harga Minuman"};  DefaultTableModel dtm = new DefaultTableModel(null, kolom);  String SQL = "SELECT \* FROM transaksi";  ResultSet rs = KoneksiDB.executeQuery(SQL);  try{  while(rs.next()) {  Date tgl = new SimpleDateFormat("yyyy-MM-dd").parse(rs.getString(2));  String tgls = new SimpleDateFormat("dd-MM-yyyy").format(tgl);  String Tanggal = tgls;  String Pembeli = rs.getString(3);  String Makanan = rs.getString(4);  String Harga\_Makanan = rs.getString(6);  String Minuman = rs.getString(5);  String Kembalian = rs.getString(7);  String data[] = {Tanggal,Pembeli,Makanan,Harga\_Makanan,Minuman,Kembalian};  dtm.addRow(data);  }  } catch (SQLException ex){  Logger.getLogger(Laporan.class.getName()).log(Level.SEVERE,null,ex);  }  tblData.setModel(dtm);  }    private void jButton1ActionPerformed(java.awt.event.ActionEvent evt) {  try {  refresh();  } catch (ParseException ex) {  Logger.getLogger(Laporan.class.getName()).log(Level.SEVERE, null, ex);  }  }  private void jButton3ActionPerformed(java.awt.event.ActionEvent evt) {  this.dispose();  new Transaksi().setVisible(true);  }  private void jButton2ActionPerformed(java.awt.event.ActionEvent evt) {  dispose();  }  /\*\*  \* @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(Laporan.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);  } catch (InstantiationException ex) {  java.util.logging.Logger.getLogger(Laporan.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);  } catch (IllegalAccessException ex) {  java.util.logging.Logger.getLogger(Laporan.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);  } catch (javax.swing.UnsupportedLookAndFeelException ex) {  java.util.logging.Logger.getLogger(Laporan.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 Laporan().setVisible(true);  }  });  }  // Variables declaration - do not modify  private javax.swing.JButton jButton1;  private javax.swing.JButton jButton2;  private javax.swing.JButton jButton3;  private javax.swing.JLabel jLabel1;  private javax.swing.JLabel jLabel2;  private javax.swing.JLabel jLabel4;  private javax.swing.JPanel jPanel1;  private javax.swing.JPanel jPanel2;  private javax.swing.JScrollPane jScrollPane1;  private javax.swing.JTable tblData;  // End of variables declaration  } |

Source code file koneksi

|  |
| --- |
| import com.mysql.jdbc.Connection;  import com.mysql.jdbc.Driver;  import java.sql.DriverManager;  import java.sql.SQLException;    /\*  \* To change this license header, choose License Headers in  Project Properties.  \* To change this template file, choose Tools | Templates  \* and open the template in the editor.  \*/    /\*\*  \*  \* @author arifin  \*/  public class file\_koneksi {    private static Connection koneksi;  public static Connection GetConnection() throws SQLException  {  if (koneksi == null) {  Driver driver = new Driver();  koneksi = (Connection)  DriverManager.getConnection("jdbc:mysql://localhost/pbo\_resto?zeroDateTimeBehavior=convertToNull", "root", "");  }  return koneksi;  }    } |