****

**UCS1412 – DBMS Lab**

**Assignment – 9**

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**Title:** Database Connectivity

**Spool File for Table Creation and PL/SQL Block:**

SQL> CREATE TABLE EMP\_PAYROLL(

  2  EID VARCHAR(5) PRIMARY KEY,

  3  ENAME VARCHAR(10),

  4  DOB DATE,

  5  SEX VARCHAR(1),

  6  DESIGNATION VARCHAR(10),

  7  BASIC **NUMBER**,

  8  DA **NUMBER**,

  9  HRA **NUMBER**,

 10  PF **NUMBER**,

 11  MC **NUMBER**,

 12  GROSS **NUMBER**,

 13  TOT\_DEDUC **NUMBER**,

 14  NET\_PAY **NUMBER**

 15  );

Table created.

SQL> CREATE OR REPLACE PROCEDURE CALC

  2  (ID IN EMP\_PAYROLL.EID%TYPE, BASIC IN EMP\_PAYROLL.BASIC%TYPE)

  3  IS

  4  DA\_TEMP **NUMBER**;

  5  HRA\_TEMP **NUMBER**;

  6  PF\_TEMP **NUMBER**;

  7  MC\_TEMP **NUMBER**;

  8  GROSS\_TEMP **NUMBER**;

  9  TOT\_DEDUC\_TEMP **NUMBER**;

 10  NET\_PAY\_TEMP **NUMBER**;

 11  BEGIN

 12  DA\_TEMP:=0.6\*BASIC;

 13  HRA\_TEMP:=0.11\*BASIC;

 14  PF\_TEMP:=0.04\*BASIC;

 15  MC\_TEMP:=0.03\*BASIC;

 16  GROSS\_TEMP:=BASIC+DA\_TEMP+HRA\_TEMP;

 17  TOT\_DEDUC\_TEMP:=PF\_TEMP+MC\_TEMP;

 18  NET\_PAY\_TEMP:=GROSS\_TEMP-TOT\_DEDUC\_TEMP;

 19  UPDATE EMP\_PAYROLL

 20  SET DA=DA\_TEMP, HRA=HRA\_TEMP, PF=PF\_TEMP, MC=MC\_TEMP, GROSS=GROSS\_TEMP,

 21  TOT\_DEDUC=TOT\_DEDUC\_TEMP, NET\_PAY=NET\_PAY\_TEMP

 22  WHERE EID=ID;

 23  END;

 24  /

Procedure created.

**Java Code of JDBC Block:**

]

import javax**.**swing**.\***;

import java**.**sql**.\***;

import java**.**sql**.**Statement;

import java**.**util**.**logging**.**Level;

import java**.**util**.**logging**.**Logger;

*/\*\**

*\**

*\* @author 1049*

*\*/*

**public** **class** demo1 **extends** javax.swing.JFrame {

*/\*\**

*\* Creates new form demo1*

*\*/*

    Connection con;

    Statement st;

    PreparedStatement ps;

    ResultSet rs;

**public** demo1() {

        initComponents();

        try{

            Class.forName("oracle.jdbc.OracleDriver");

            JOptionPane.showMessageDialog(this,"Driver Loaded!");

        try {

            con = DriverManager.getConnection("jdbc:oracle:thin:@10.6.4.33:1521:orcl","1049","1049");

            JOptionPane.showMessageDialog(this,"Connected to Oracle database!");

        }

        catch (SQLException ex) {

            Logger.getLogger(demo1.class.getName()).log(Level.SEVERE, null, ex);

            JOptionPane.showMessageDialog(this,ex.getMessage());

        }

        }

        catch(ClassNotFoundException ex){

        Logger.getLogger(demo1.class.getName()).log(Level.SEVERE, null, ex);

        JOptionPane.showMessageDialog(this,ex.getMessage());

        }

    }

*/\*\**

*\* 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() {

        SEX1 = new javax.swing.JLabel();

        EID = new javax.swing.JLabel();

        NAME = new javax.swing.JLabel();

        DOB = new javax.swing.JLabel();

        SEX = new javax.swing.JLabel();

        DESIGNATION = new javax.swing.JLabel();

        BASICPAY = new javax.swing.JLabel();

        name = new javax.swing.JTextField();

        eid = new javax.swing.JTextField();

        sex = new javax.swing.JTextField();

        dob = new javax.swing.JTextField();

        basic = new javax.swing.JTextField();

        designation = new javax.swing.JTextField();

        insert = new javax.swing.JButton();

        update = new javax.swing.JButton();

        delete = new javax.swing.JButton();

        refresh = new javax.swing.JButton();

        search = new javax.swing.JButton();

        jLabel1 = new javax.swing.JLabel();

        exit = new javax.swing.JButton();

        DA = new javax.swing.JLabel();

        HRA = new javax.swing.JLabel();

        PF = new javax.swing.JLabel();

        GROSS = new javax.swing.JLabel();

        TOTAL\_DEDUCTION = new javax.swing.JLabel();

        NETPAY = new javax.swing.JLabel();

        da = new javax.swing.JTextField();

        hra = new javax.swing.JTextField();

        pf = new javax.swing.JTextField();

        gross = new javax.swing.JTextField();

        tot\_deduc = new javax.swing.JTextField();

        net\_pay = new javax.swing.JTextField();

        SEX1.setText("SEX");

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

        EID.setText("EID");

        NAME.setText("NAME");

        DOB.setText("DATE OF BIRTH");

        SEX.setText("SEX");

        DESIGNATION.setText("DESIGNATION");

        BASICPAY.setText("BASIC PAY");

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

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

                eidActionPerformed(evt);

            }

        });

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

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

                sexActionPerformed(evt);

            }

        });

        insert.setText("INSERT");

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

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

                insertActionPerformed(evt);

            }

        });

        update.setText("UPDATE");

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

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

                updateActionPerformed(evt);

            }

        });

        delete.setText("DELETE");

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

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

                deleteActionPerformed(evt);

            }

        });

        refresh.setText("REFRESH");

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

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

                refreshActionPerformed(evt);

            }

        });

        search.setText("SEARCH");

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

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

                searchActionPerformed(evt);

            }

        });

        jLabel1.setText("EMPLOYEE  DATABASE");

        exit.setText("EXIT");

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

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

                exitActionPerformed(evt);

            }

        });

        DA.setText("DA");

        HRA.setText("HRA");

        PF.setText("PF");

        GROSS.setText("GROSS");

        TOTAL\_DEDUCTION.setText("TOTAL DEDUCTION");

        NETPAY.setText("NET PAY");

        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(61, 61, 61)

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

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

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

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

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

                        .addGap(30, 30, 30)

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

                            .addComponent(refresh, javax.swing.GroupLayout.DEFAULT\_SIZE, 152, Short.MAX\_VALUE)

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

                        .addGap(27, 27, 27)

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

                            .addComponent(delete, javax.swing.GroupLayout.DEFAULT\_SIZE, 139, Short.MAX\_VALUE)

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

                    .addGroup(layout.createSequentialGroup()

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

                            .addGroup(layout.createSequentialGroup()

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

                                    .addComponent(BASICPAY, javax.swing.GroupLayout.PREFERRED\_SIZE, 93, javax.swing.GroupLayout.PREFERRED\_SIZE)

                                    .addComponent(DESIGNATION, javax.swing.GroupLayout.PREFERRED\_SIZE, 93, javax.swing.GroupLayout.PREFERRED\_SIZE)

                                    .addComponent(SEX, javax.swing.GroupLayout.PREFERRED\_SIZE, 93, javax.swing.GroupLayout.PREFERRED\_SIZE)

                                    .addComponent(DOB, javax.swing.GroupLayout.PREFERRED\_SIZE, 93, javax.swing.GroupLayout.PREFERRED\_SIZE)

                                    .addComponent(NAME, javax.swing.GroupLayout.PREFERRED\_SIZE, 93, javax.swing.GroupLayout.PREFERRED\_SIZE)

                                    .addComponent(EID, javax.swing.GroupLayout.PREFERRED\_SIZE, 93, javax.swing.GroupLayout.PREFERRED\_SIZE))

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

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

                                    .addGroup(layout.createSequentialGroup()

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

                                            .addComponent(dob, javax.swing.GroupLayout.PREFERRED\_SIZE, 111, javax.swing.GroupLayout.PREFERRED\_SIZE)

                                            .addComponent(name, javax.swing.GroupLayout.PREFERRED\_SIZE, 111, javax.swing.GroupLayout.PREFERRED\_SIZE)

                                            .addComponent(eid, javax.swing.GroupLayout.PREFERRED\_SIZE, 111, javax.swing.GroupLayout.PREFERRED\_SIZE))

                                        .addGap(39, 39, 39)

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

                                            .addComponent(PF, javax.swing.GroupLayout.PREFERRED\_SIZE, 84, javax.swing.GroupLayout.PREFERRED\_SIZE)

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

                                                .addComponent(HRA, javax.swing.GroupLayout.Alignment.TRAILING, javax.swing.GroupLayout.DEFAULT\_SIZE, 84, Short.MAX\_VALUE)

                                                .addComponent(DA, javax.swing.GroupLayout.Alignment.TRAILING, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE))))

                                    .addGroup(layout.createSequentialGroup()

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

                                            .addComponent(sex, javax.swing.GroupLayout.PREFERRED\_SIZE, 111, javax.swing.GroupLayout.PREFERRED\_SIZE)

                                            .addComponent(designation, javax.swing.GroupLayout.PREFERRED\_SIZE, 111, javax.swing.GroupLayout.PREFERRED\_SIZE)

                                            .addComponent(basic, javax.swing.GroupLayout.PREFERRED\_SIZE, 111, javax.swing.GroupLayout.PREFERRED\_SIZE))

                                        .addGap(39, 39, 39)

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

                                            .addComponent(NETPAY, javax.swing.GroupLayout.PREFERRED\_SIZE, 84, javax.swing.GroupLayout.PREFERRED\_SIZE)

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

                                                .addComponent(TOTAL\_DEDUCTION, javax.swing.GroupLayout.PREFERRED\_SIZE, 1, Short.MAX\_VALUE)

                                                .addComponent(GROSS, javax.swing.GroupLayout.DEFAULT\_SIZE, 84, Short.MAX\_VALUE))))))

                            .addGroup(layout.createSequentialGroup()

                                .addGap(176, 176, 176)

                                .addComponent(jLabel1, javax.swing.GroupLayout.PREFERRED\_SIZE, 124, javax.swing.GroupLayout.PREFERRED\_SIZE)))

                        .addGap(31, 31, 31)

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

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

                                .addComponent(hra)

                                .addComponent(pf)

                                .addComponent(gross)

                                .addComponent(tot\_deduc)

                                .addComponent(net\_pay, javax.swing.GroupLayout.DEFAULT\_SIZE, 121, Short.MAX\_VALUE))

                            .addComponent(da, javax.swing.GroupLayout.PREFERRED\_SIZE, 121, javax.swing.GroupLayout.PREFERRED\_SIZE))

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

                .addGap(57, 57, 57))

        );

        layout.setVerticalGroup(

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

            .addGroup(layout.createSequentialGroup()

                .addContainerGap()

                .addComponent(jLabel1, javax.swing.GroupLayout.PREFERRED\_SIZE, 24, javax.swing.GroupLayout.PREFERRED\_SIZE)

                .addGap(18, 18, 18)

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

                    .addComponent(EID)

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

                    .addComponent(DA)

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

                .addGap(12, 12, 12)

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

                    .addComponent(NAME)

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

                    .addComponent(HRA)

                    .addComponent(hra, 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(DOB, javax.swing.GroupLayout.PREFERRED\_SIZE, 20, javax.swing.GroupLayout.PREFERRED\_SIZE)

                    .addComponent(dob)

                    .addComponent(PF)

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

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

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

                    .addComponent(SEX)

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

                    .addComponent(GROSS)

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

                .addGap(11, 11, 11)

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

                    .addComponent(DESIGNATION)

                    .addComponent(designation)

                    .addComponent(TOTAL\_DEDUCTION)

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

                .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED, javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE)

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

                    .addComponent(BASICPAY)

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

                    .addComponent(NETPAY)

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

                .addGap(54, 54, 54)

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

                    .addComponent(insert)

                    .addComponent(update)

                    .addComponent(delete))

                .addGap(18, 18, 18)

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

                    .addComponent(refresh)

                    .addComponent(search)

                    .addComponent(exit))

                .addGap(19, 19, 19))

        );

        pack();

    }*// </editor-fold>*

**private** **void** eidActionPerformed(java.awt.event.ActionEvent evt) {

*// TODO add your handling code here:*

    }

**private** **void** refresh(){

        eid.setText("");

        name.setText("");

        designation.setText("");

        basic.setText("");

        dob.setText("");

        sex.setText("");

    }

**private** **void** calcf(String eid, String basic){

        try{

            String sql="call calc(?,?)";

            ps=con.prepareStatement(sql);

            ps.setString(1,eid);

            ps.setString(2, basic);

            ps.execute();

        }

        catch(SQLException ex){

            Logger.getLogger(demo1.class.getName()).log(Level.SEVERE, null, ex);

            JOptionPane.showMessageDialog(this, ex.getMessage());

        }

    }

**private** **void** refreshActionPerformed(java.awt.event.ActionEvent evt) {

*// TODO add your handling code here:*

            refresh();

    }

**private** **void** sexActionPerformed(java.awt.event.ActionEvent evt) {

*// TODO add your handling code here:*

    }

**private** **void** insertActionPerformed(java.awt.event.ActionEvent evt) {

*// TODO add your handling code here:*

        try {

            String sql = "insert into emp\_payroll values(?,?,?,?,?,?,NULL,NULL,NULL,NULL,NULL,NULL,NULL)";

            ps = con.prepareStatement(sql);

            ps.setString(1, eid.getText());

            ps.setString(2, name.getText());

            ps.setString(3, dob.getText());

            ps.setString(4, sex.getText());

            ps.setString(5, designation.getText());

            ps.setString(6, basic.getText());

            ps.execute();

            calcf(eid.getText(),basic.getText());

            JOptionPane.showMessageDialog(this,"Inserted!");

            refresh();

            }

        catch (SQLException ex) {

            Logger.getLogger(demo1.class.getName()).log(Level.SEVERE, null, ex);

            JOptionPane.showMessageDialog(this,ex.getMessage());

        }

    }

**private** **void** deleteActionPerformed(java.awt.event.ActionEvent evt) {

*// TODO add your handling code here:*

        try{

            String sql = "delete from emp\_payroll where eid=?";

            ps = con.prepareStatement(sql);

            ps.setString(1, eid.getText());

            ps.execute();

            JOptionPane.showMessageDialog(this, "Deleted!");

            refresh();

            }

            catch (SQLException ex) {

            Logger.getLogger(demo1.class.getName()).log(Level.SEVERE, null, ex);

            JOptionPane.showMessageDialog(this,ex.getMessage());

            }

    }

**private** **void** exitActionPerformed(java.awt.event.ActionEvent evt) {

*// TODO add your handling code here:*

        System.exit(0);

    }

**private** **void** searchActionPerformed(java.awt.event.ActionEvent evt) {

*// TODO add your handling code here:*

        try {

            String sql = "select \* from emp\_payroll where eid = '"+eid.getText()+"'";

            st = con.createStatement(ResultSet.TYPE\_SCROLL\_SENSITIVE,ResultSet.CONCUR\_UPDATABLE);

            rs = st.executeQuery(sql);

            if(rs.next()){

                eid.setText(rs.getString(1));

                name.setText(rs.getString(2));

                dob.setText(rs.getString(3));

                sex.setText(rs.getString(4));

                designation.setText(rs.getString(5));

                basic.setText(rs.getString(6));

                da.setText(rs.getString(7));

                hra.setText(rs.getString(8));

                gross.setText(rs.getString(9));

                pf.setText(rs.getString(10));

                tot\_deduc.setText(rs.getString(11));

                net\_pay.setText(rs.getString(12));

*//String s=rs.getString(13);*

                JOptionPane.showMessageDialog(this, "Record Found!");

            }

            else

                JOptionPane.showMessageDialog(this, "Record Not Found!");

            }

            catch (SQLException ex) {

                Logger.getLogger(demo1.class.getName()).log(Level.SEVERE, null, ex);

                JOptionPane.showMessageDialog(this, ex.getMessage());

            }

    }

**private** **void** updateActionPerformed(java.awt.event.ActionEvent evt) {

*// TODO add your handling code here:*

        try{

            String sql = "update emp\_payroll set ename=?,dob=?,sex=?,designation=?,basic=? where eid=?";

            ps = con.prepareStatement(sql);

            ps.setString(6, eid.getText());

            ps.setString(1, name.getText());

            ps.setString(2, dob.getText());

            ps.setString(3, sex.getText());

            ps.setString(4, designation.getText());

            ps.setString(5, basic.getText());

            ps.execute();

            calcf(eid.getText(),basic.getText());

            JOptionPane.showMessageDialog(this, "Updated!");

            refresh();

            }

        catch (SQLException ex) {

            Logger.getLogger(demo1.class.getName()).log(Level.SEVERE, null, ex);

            JOptionPane.showMessageDialog(this,ex.getMessage());

        }

    }

*/\*\**

*\* @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(demo1.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

        } catch (InstantiationException ex) {

            java.util.logging.Logger.getLogger(demo1.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

        } catch (IllegalAccessException ex) {

            java.util.logging.Logger.getLogger(demo1.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

        } catch (javax**.**swing**.**UnsupportedLookAndFeelException ex) {

            java.util.logging.Logger.getLogger(demo1.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 demo1().setVisible(true);

            }

        });

    }

*// Variables declaration - do not modify*

**private** javax.swing.JLabel BASICPAY;

**private** javax.swing.JLabel DA;

**private** javax.swing.JLabel DESIGNATION;

**private** javax.swing.JLabel DOB;

**private** javax.swing.JLabel EID;

**private** javax.swing.JLabel GROSS;

**private** javax.swing.JLabel HRA;

**private** javax.swing.JLabel NAME;

**private** javax.swing.JLabel NETPAY;

**private** javax.swing.JLabel PF;

**private** javax.swing.JLabel SEX;

**private** javax.swing.JLabel SEX1;

**private** javax.swing.JLabel TOTAL\_DEDUCTION;

**private** javax.swing.JTextField basic;

**private** javax.swing.JTextField da;

**private** javax.swing.JButton delete;

**private** javax.swing.JTextField designation;

**private** javax.swing.JTextField dob;

**private** javax.swing.JTextField eid;

**private** javax.swing.JButton exit;

**private** javax.swing.JTextField gross;

**private** javax.swing.JTextField hra;

**private** javax.swing.JButton insert;

**private** javax.swing.JLabel jLabel1;

**private** javax.swing.JTextField name;

**private** javax.swing.JTextField net\_pay;

**private** javax.swing.JTextField pf;

**private** javax.swing.JButton refresh;

**private** javax.swing.JButton search;

**private** javax.swing.JTextField sex;

**private** javax.swing.JTextField tot\_deduc;

**private** javax.swing.JButton update;

*// End of variables declaration*

**private** **void** log(Level SEVERE, Object object, SQLException ex) {

        throw new UnsupportedOperationException("Not supported yet."); *//To change body of generated methods, choose Tools | Templates.*

    }

}

**Screenshots:**







