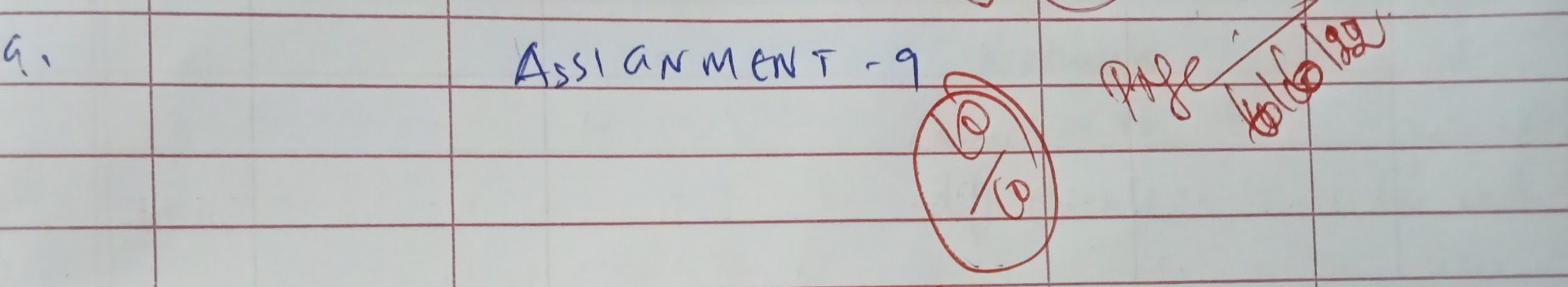
**UCS 1412 - DATABASE LAB**

**Assignment 9 -DATABASE CONNECTIVITY**

**DIKSHITHA VANI V**

**205001032**

**INDEX PAGE:**

****

**JAVA FILE:**

/\*

\* 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.

\*/

package jdbc;

/\*\*

\*

\* @author 1032

\*/

import javax.swing.\*;

import java.sql.\*;

import java.sql.Statement;

import java.util.logging.Level;

import java.util.logging.Logger;

public class JDBC extends javax.swing.JFrame {

/\*\*

\* Creates new form JDBC

\*/

Connection con;

Statement st;

PreparedStatement ps;

ResultSet rs;

public JDBC() {

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","1032","1032");

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

}

catch (SQLException ex) {

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

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

}

}

catch(ClassNotFoundException ex){

Logger.getLogger(JDBC.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() {

id = new javax.swing.JTextField();

jLabel1 = new javax.swing.JLabel();

jLabel2 = new javax.swing.JLabel();

jLabel3 = new javax.swing.JLabel();

jLabel4 = new javax.swing.JLabel();

dob = new javax.swing.JTextField();

sex = new javax.swing.JTextField();

designation = new javax.swing.JTextField();

insert = new javax.swing.JButton();

update = new javax.swing.JButton();

delete = new javax.swing.JButton();

search = new javax.swing.JButton();

clear = new javax.swing.JButton();

exit = new javax.swing.JButton();

jLabel5 = new javax.swing.JLabel();

basic = new javax.swing.JTextField();

jLabel6 = new javax.swing.JLabel();

name = new javax.swing.JTextField();

jLabel7 = new javax.swing.JLabel();

jLabel8 = new javax.swing.JLabel();

jLabel9 = new javax.swing.JLabel();

jLabel10 = new javax.swing.JLabel();

jLabel11 = new javax.swing.JLabel();

jLabel12 = new javax.swing.JLabel();

jLabel13 = new javax.swing.JLabel();

hra = new javax.swing.JTextField();

da = new javax.swing.JTextField();

pf = new javax.swing.JTextField();

mc = new javax.swing.JTextField();

gross = new javax.swing.JTextField();

deduction = new javax.swing.JTextField();

netpay = new javax.swing.JTextField();

Calculate = new javax.swing.JButton();

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

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

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

idActionPerformed(evt);

}

});

jLabel1.setText("EMPLOYEE ID");

jLabel2.setText("NAME");

jLabel3.setText("DOB");

jLabel4.setText("SEX");

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

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

dobActionPerformed(evt);

}

});

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

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

sexActionPerformed(evt);

}

});

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

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

designationActionPerformed(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);

}

});

search.setText("SEARCH");

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

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

searchActionPerformed(evt);

}

});

clear.setText("CLEAR");

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

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

clearActionPerformed(evt);

}

});

exit.setText("EXIT");

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

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

exitActionPerformed(evt);

}

});

jLabel5.setText("BASIC");

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

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

basicActionPerformed(evt);

}

});

jLabel6.setText("DESIGNATION");

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

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

nameActionPerformed(evt);

}

});

jLabel7.setText("HRA");

jLabel8.setText("DA");

jLabel9.setText("PF");

jLabel10.setText("MC");

jLabel11.setText("GROSS");

jLabel12.setText("DEDUCTION");

jLabel13.setText("NET PAY");

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

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

hraActionPerformed(evt);

}

});

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

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

mcActionPerformed(evt);

}

});

Calculate.setText("CALCULATE");

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

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

CalculateActionPerformed(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()

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

.addGroup(layout.createSequentialGroup()

.addGap(52, 52, 52)

.addComponent(insert)

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

.addComponent(update)

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

.addComponent(delete)

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

.addComponent(search))

.addGroup(layout.createSequentialGroup()

.addGap(80, 80, 80)

.addComponent(clear)

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

.addComponent(exit, javax.swing.GroupLayout.PREFERRED\_SIZE, 63, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addGap(18, 18, 18)

.addComponent(Calculate))

.addGroup(layout.createSequentialGroup()

.addGap(179, 179, 179)

.addComponent(jLabel13))

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

.addGroup(layout.createSequentialGroup()

.addGap(294, 294, 294)

.addComponent(netpay, javax.swing.GroupLayout.PREFERRED\_SIZE, 58, javax.swing.GroupLayout.PREFERRED\_SIZE))

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

.addGap(27, 27, 27)

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

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

.addComponent(jLabel6)

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

.addComponent(jLabel2, javax.swing.GroupLayout.PREFERRED\_SIZE, 65, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addComponent(jLabel1)

.addComponent(jLabel3, javax.swing.GroupLayout.PREFERRED\_SIZE, 65, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addComponent(jLabel4, javax.swing.GroupLayout.PREFERRED\_SIZE, 65, javax.swing.GroupLayout.PREFERRED\_SIZE)))

.addComponent(jLabel5))

.addGap(18, 18, 18)

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

.addComponent(id, javax.swing.GroupLayout.PREFERRED\_SIZE, 85, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addComponent(name, javax.swing.GroupLayout.PREFERRED\_SIZE, 85, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addComponent(dob, javax.swing.GroupLayout.PREFERRED\_SIZE, 85, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addComponent(sex, javax.swing.GroupLayout.PREFERRED\_SIZE, 85, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addComponent(designation, javax.swing.GroupLayout.PREFERRED\_SIZE, 85, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addComponent(basic, javax.swing.GroupLayout.PREFERRED\_SIZE, 85, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addGap(18, 18, 18)

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

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

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

.addGroup(layout.createSequentialGroup()

.addComponent(jLabel8)

.addGap(62, 62, 62)

.addComponent(da, javax.swing.GroupLayout.DEFAULT\_SIZE, 59, Short.MAX\_VALUE))

.addComponent(jLabel7)

.addGroup(layout.createSequentialGroup()

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

.addComponent(jLabel10)

.addComponent(jLabel9)

.addComponent(jLabel11))

.addGap(42, 42, 42)

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

.addComponent(gross)

.addComponent(mc)

.addComponent(pf))))

.addComponent(hra, javax.swing.GroupLayout.PREFERRED\_SIZE, 59, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addGroup(layout.createSequentialGroup()

.addComponent(jLabel12)

.addGap(18, 18, 18)

.addComponent(deduction, javax.swing.GroupLayout.DEFAULT\_SIZE, 58, Short.MAX\_VALUE))))))

.addContainerGap(40, Short.MAX\_VALUE))

);

layout.setVerticalGroup(

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

.addGroup(layout.createSequentialGroup()

.addGap(29, 29, 29)

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

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

.addComponent(jLabel1, javax.swing.GroupLayout.PREFERRED\_SIZE, 20, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addComponent(jLabel7)

.addComponent(hra, 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(jLabel2)

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

.addComponent(jLabel8)

.addComponent(da, 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(jLabel3)

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

.addComponent(jLabel9)

.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(jLabel4)

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

.addComponent(jLabel10)

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

.addComponent(jLabel6)

.addComponent(jLabel11)

.addComponent(gross, 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.TRAILING)

.addComponent(jLabel5)

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

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

.addComponent(jLabel12)

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

.addGap(18, 18, 18)

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

.addComponent(jLabel13)

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

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED, 8, Short.MAX\_VALUE)

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

.addComponent(insert)

.addComponent(update)

.addComponent(delete)

.addComponent(search))

.addGap(7, 7, 7)

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

.addComponent(clear)

.addComponent(exit)

.addComponent(Calculate))

.addContainerGap())

);

pack();

}// </editor-fold>

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

// TODO add your handling code here:

}

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

// TODO add your handling code here:

}

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

// TODO add your handling code here:

}

private void cleartext(){

id.setText("");

name.setText("");

dob.setText("");

sex.setText("");

designation.setText("");

basic.setText("");

da.setText("");

hra.setText("");

pf.setText("");

mc.setText("");

gross.setText("");

deduction.setText("");

netpay.setText("");

}

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

// TODO add your handling code here:

try{

String sql = "delete from employees where id=?";

ps = con.prepareStatement(sql);

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

ps.execute();

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

cleartext();

}

catch (SQLException ex) {

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

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

}

}

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

// TODO add your handling code here:

try {

String sql = "insert into employees (id,name,dob,SEX,DESIGNATION,BASIC)"

+ "values(?,?,?,?,?,?)";

ps = con.prepareStatement(sql);

ps.setString(1, id.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();

String plblock="call insertEmp(?,?)";

ps = con.prepareStatement(plblock);

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

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

ps.execute();

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

cleartext();

}

catch (SQLException ex) {

Logger.getLogger(JDBC.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 employees set name=?,dob=?,sex=?,designation=?,basic=? where id=?";

ps = con.prepareStatement(sql);

ps.setString(6, id.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();

String plblock="call insertEmp(?,?)";

ps = con.prepareStatement(plblock);

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

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

ps.execute();

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

cleartext();

}

catch (SQLException ex) {

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

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

}

}

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

// TODO add your handling code here:

try {

// TODO add your handling code here:

String sql = "select \* from employees where id ='"+id.getText()+"'";

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

rs = st.executeQuery(sql);

if(rs.next()){

id.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));

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

}

else

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

}

catch (SQLException ex) {

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

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

}

}

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

// TODO add your handling code here:

cleartext();

}

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

// TODO add your handling code here:

System.exit(0);

}

//this is for text tho

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

// TODO add your handling code here:

}

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

// TODO add your handling code here:

}

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

// TODO add your handling code here:

}

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

// TODO add your handling code here:

}

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

// TODO add your handling code here:

}

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

// TODO add your handling code here:

try {

// TODO add your handling code here:

String sql = "select \* from employees where id ='"+id.getText()+"'";

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

rs = st.executeQuery(sql);

if(rs.next()){

id.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));

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

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

gross.setText(rs.getString(11));

deduction.setText(rs.getString(12));

netpay.setText(rs.getString(13));

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

}

else

JOptionPane.showMessageDialog(this, "NOT CALCULATED!");

}

catch (SQLException ex) {

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

} catch (InstantiationException ex) {

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

} catch (IllegalAccessException ex) {

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

} catch (javax.swing.UnsupportedLookAndFeelException ex) {

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

}

});

}

// Variables declaration - do not modify

private javax.swing.JButton Calculate;

private javax.swing.JTextField basic;

private javax.swing.JButton clear;

private javax.swing.JTextField da;

private javax.swing.JTextField deduction;

private javax.swing.JButton delete;

private javax.swing.JTextField designation;

private javax.swing.JTextField dob;

private javax.swing.JButton exit;

private javax.swing.JTextField gross;

private javax.swing.JTextField hra;

private javax.swing.JTextField id;

private javax.swing.JButton insert;

private javax.swing.JLabel jLabel1;

private javax.swing.JLabel jLabel10;

private javax.swing.JLabel jLabel11;

private javax.swing.JLabel jLabel12;

private javax.swing.JLabel jLabel13;

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.JTextField mc;

private javax.swing.JTextField name;

private javax.swing.JTextField netpay;

private javax.swing.JTextField pf;

private javax.swing.JButton search;

private javax.swing.JTextField sex;

private javax.swing.JButton update;

// End of variables declaration

}

**PL/SQL BLOCK:**

create or replace procedure insertEmp(eid varchar2, b float) as

dailyallow float;

houseRent float;

provident float;

mediclaim float;

grosspay float;

totdeduction float;

netpay float;

begin

dailyallow :=b\*0.06;

houseRent :=b\*0.11;

provident :=b\*0.04;

mediclaim:=b\*0.03;

grosspay :=b+dailyallow+houseRent;

totdeduction:=provident+mediclaim;

netpay:=grosspay-totdeduction;

update employees set DA=dailyallow where id=eid;

update employees set HRA=houseRent where id=eid;

update employees set PF=provident where id=eid;

update employees set MC=mediclaim where id=eid;

update employees set gross=grosspay where id=eid;

update employees set TOT\_DEDUC=totdeduction where id=eid;

update employees set NET\_PAY=netpay where id=eid;

end;

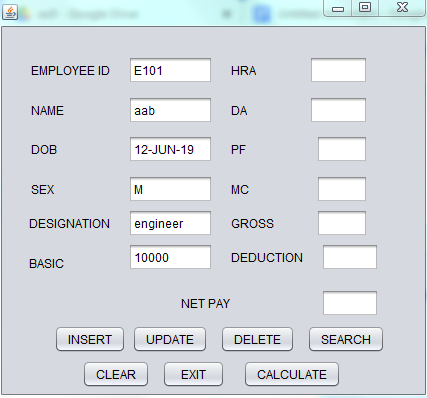
/

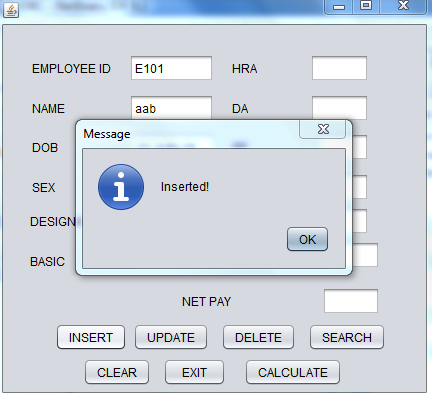
**Create table command:**

Create table Employee(id varchar2(4) constraint pk\_emp PRIMARY KEY, name varchar2(20), dob date, sex varchar2(20), basic float,da float, hra float, pf float,mc float ,gross float, total\_deduc float, net\_pay float);

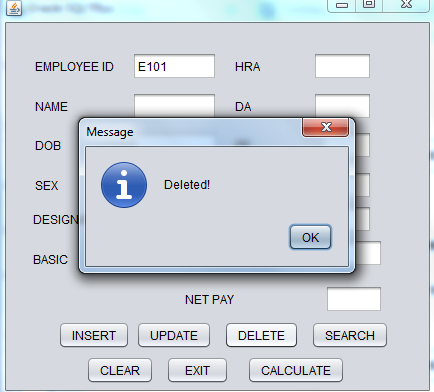
**SCREEN SHOTS:**

**INSERTION:**

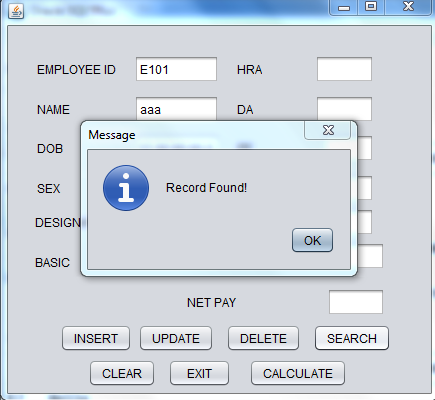




**DELETION**



**SEARCH:**



**CALCULATE:**

