

# Assignment - IV

Title :- Transform the system from command line system to GUI based application

Problem Statement :- GUI programming

Objective :- Understand the implementation of swing class.

Outcome :- After completion of this assignment students can evaluate & analyze the problem & understand the GUI concepts in java.

S/w & H/w requirement :-

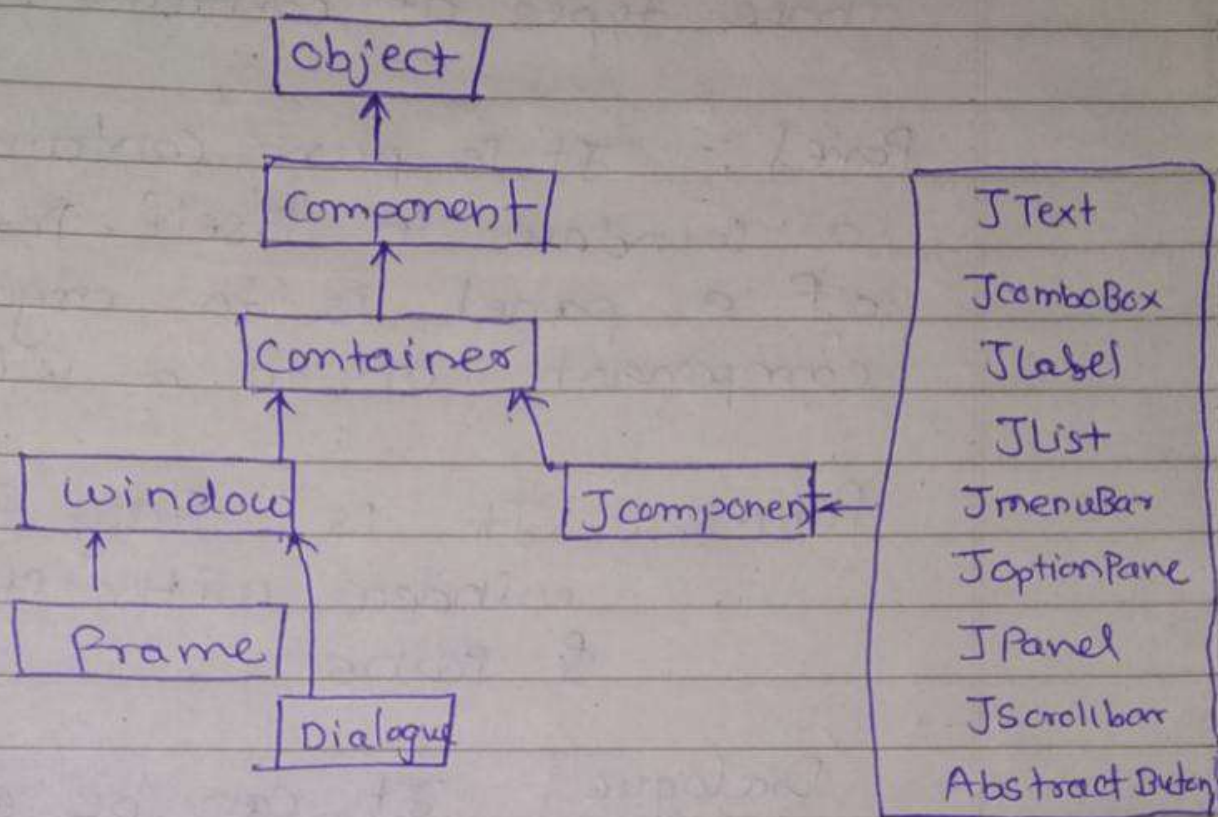
64 bit Redora OS, Java development kit, Eclipse IDE,

Concept Related Theory :-

Java swing provides platform independent & lightweight components. The java-swing package provides classes for java swing API such as JButton, JTextField, JTextArea, JLabel, JPanel, JRadioButton, etc.



# Java Swing class Hierarchy



All components in swing are JComponent which can be added to container classes.

## Building GUI application,

- i) Identify user requirement for GUI.
- ii) Map the requirements to swing approach.
- iii) Group UI ~~into~~ components.
- iv) Define UI structure.
- v) Select suitable event to handle.
- vi) Link events to execution ~~table~~ logic.

## Container Class :

Container classes are classes that can have other components on it.



We need atleast one container object  
three types of containers.

Panel :- It is pure container & is not a window in itself. The sole purpose of a panel is to organize the component on to a window.

Frame :- It is fully functioning window with its own title & icons.

Dialogue :- It can be ~~be~~ thought of as a popup window that pops out when message has to be displayed. It is not a fully functioning window like the frame.

JButton :- The JButton class is used to create labeled button that has platform independent implementation. The application result in same action when the Button is pushed. It inherits AbstractButton class.



**JLabel** :- The object of JLabel class is a component for placing text in a container. It is used to display a single line of read only text. The Text can be changed by an application but a user cannot edit it directly. It inherits JComponent class.

**JTextArea** :- The object of JTextArea class is a multiline region that displays text. It allows the editing of multiple line text. It inherits JTextComponent class.

**JCheckBox** :- It is used to turn ~~off~~ an option on or off. clicking on checkbox changes its state.

**JRadioButton** :- It is used to choose one option from multiple options. It should be added in ButtonGroup to select one radio button only.

**JComboBox** :- A component that combines a button or editable field & a dropdown list. The User can select value from the dropdown list.



## EventListener:-

When button is clicked, it creates an action event object & invokes action performed (ActionEvent) method of ActionListener interface. Event source needs a reference to the object of Event handler so that it can call it's method.

## Algorithm :-

```
public Ask() {
```

```
// This constructor invoke the  
// welcome screen & asks for  
// either login or signUp.  
// It will have login & signUp  
// button which invokes respective  
// Frames.
```

```
}
```

```
public login() {
```

```
// This constructor invoke the login  
// form frame which take input  
// credentials.
```

```
// If credentials match as per  
// database then invokes new  
// main screen after submit.
```

```
}
```



```
public SignUp () {
```

```
// This constructor invokes window to take  
input form for signup & submit  
button.
```

```
// This will add new employee data  
to database
```

```
}
```

```
public Main () {
```

```
// This one invokes userframe  
& displays features for particular  
user.
```

```
// Based on eventlistners next frame  
is generated.
```

```
}
```

```
public Admin () {
```

```
// It invokes admin frame &  
shows features for admin user.
```

```
// According to eventlistners next  
frames are generated.
```

```
}
```

```
public mainProj () {
```

```
// It invokes a user frame showing  
All projects assigned to user &  
its details
```

```
// According eventlistners next  
frame is generated.
```

```
}
```



```
public PrjCreate() {
```

```
// Invokes Frame having input  
form to take project details  
& assigned to a employee.
```

```
// changes are made in database  
Accordingly.
```

```
}
```

```
public prjDelete() {
```

```
// Invokes frame for Admin to  
delete a existing project.
```

```
// Input is taken & changes to  
database are done accordingly.
```

```
}
```

```
public deadlineUpdate() {
```

```
// Another frame for admin is  
invoked to change the deadlines for  
project.
```

```
// According to input changes made  
to database
```

```
}
```

```
public EmpDelete() {
```

```
// invokes a frame for admin to  
remove an employee from portal
```

```
// Input is taken & changes  
made to database accordingly.
```

```
}
```



## Test Case :-

Function	Expected o/p	Actual o/p	result
1) SignUp User	Message: "SignUp Successful. Password is 'sunveg@123'!"	Same	Success
Name: "Sunveg" Designation: "soft. Engg." Experience: 2 (years) Mail: "sunveg@gmail.com"			
2) Create Project	Message: "Web App project Assigned to User Suneg!"	Same	Success
Project Name: 'Web App' Project Detail: 'Develop an web app' Deadline: '2020/231' Employee: 'Sunveg'			



Conclusion :

Students should implement application more user friendly.



```
//Server.java
```

```
package a4;
```

```
import java.net.*;
import java.io.*;
import java.sql.Connection;
import java.sql.DriverManager;
import java.sql.ResultSet;
import java.sql.SQLException;
import java.sql.Statement;
import java.util.*;
import java.util.logging.Level;
import java.util.logging.Logger;
```

```
public class Server
```

```
{
    //initialize socket and input stream

    static ArrayList<String> al = new ArrayList<String>();
        ArrayList ale = new ArrayList();
        ArrayList prj = new ArrayList();
    // constructor with port

    public static void main(String args[])
    {

        Socket      socket  = null;
        ServerSocket server = null;

        int port = 8000;
        // starts server and waits for a connection
        try
        {

            server = new ServerSocket(port);
            System.out.println(" -- Server started");

            System.out.println(" -- Waiting for a client ...");

            int i=0;
            while(true)
            {
                i++;
                socket = server.accept();
                System.out.println(" Client " + i + " accepted");
                MyThread newTh = new MyThread(socket,port);
```



```

    }

}

catch (IOException ex)
{
    Logger.getLogger(Server.class.getName()).log(Level.SEVERE, null, ex);
}
}

public static void runServer(Socket socket,int port)
{
    try{
        DataInputStream input  = null;
        ObjectInputStream inObj = null;
        DataOutputStream out    = null;
        ObjectOutputStream outObj = null;
        DataInputStream in      = null;
        //JDBC Connection

        String path="jdbc:mysql://localhost:3306/employee";

        // takes input from the client socket
        in = new DataInputStream(
            new BufferedInputStream(socket.getInputStream()));

        inObj = new ObjectInputStream(socket.getInputStream());

        input = new DataInputStream(System.in);

        // sends output to the socket
        out  = new DataOutputStream(socket.getOutputStream());

        outObj = new ObjectOutputStream(socket.getOutputStream());


        int ch,ch2;
        Employee e;
        //Project p;
        Scanner sc = new Scanner(System.in);
        String nm,nm2;
        boolean flag ;


        System.out.println("Closing connection");

        // close connection
        socket.close();
        in.close();
    }
}

```



```

        input.close();
        out.close();
    }
    catch(IOException ex)
    {
        Logger.getLogger(Server.class.getName()).log(Level.SEVERE, null,ex);
    }
}
}

```

// MyThread.java

```
package a4;
```

```
import java.net.Socket;
```

```

/**
 *
 * @author hp
 */
public class MyThread extends Thread
{
    Thread t;
    Socket socket;
    int port;
    MyThread(Socket soc , int p)
    {
        socket = soc;
        port =p;
        t= new Thread(this);
        t.start();
    }

    public void run()
    {
        Server.runServer(socket, port);
    }
}

```

//Client.java

```
package a4;
```

```
// A Java program for a Client
```

```
import java.net.*;
```

```
import java.io.*;
```

```
import java.util.*;
```

```
class Client
```

```
{
```

```
    // initialize socket and input output streams
```

```
    private Socket socket      = null;
```

```
    private BufferedReader input = null;
```

```
    private DataOutputStream out  = null;
```

```
    private DataInputStream in    = null;
```

```
    private ObjectOutputStream outObj = null;
```

```
    private ObjectInputStream inObj = null;
```

```
    // constructor to put ip address and port
```

```
    public Client(String address, int port)
```

```
    {
```

```
        // establish a connection
```

```
        try
```

```
        {
```

```
            socket = new Socket(address, port);
```

```
            System.out.println("Connected");
```

```
            // takes input from terminal
```

```
            input = new BufferedReader(new InputStreamReader(System.in));
```

```
            // sends output to the socket
```

```
            out = new DataOutputStream(socket.getOutputStream());
```

```
            outObj = new ObjectOutputStream(socket.getOutputStream());
```

```
            in = new DataInputStream(
```

```
                new BufferedInputStream(socket.getInputStream());
```

```
            inObj = new ObjectInputStream(socket.getInputStream());
```

```
        }
```

```
        catch(UnknownHostException u)
```

```
        {
```

```
            System.out.println(u);
```

```
        }
```

```
        catch(IOException i)
```

```
        {
```

```
            System.out.println(i);
```

```
        }
```

```
    int ch,ch2;
```

```
    Employee e;
```

```
    boolean f;
```

```
    String nm,msg;
```



```
Employee response;  
Scanner sc = new Scanner(System.in);  
String args[] = {""};  
ask.main(args);
```

```
        // close the connection  
        try  
        {  
            input.close();  
            out.close();  
            socket.close();  
            in.close();  
        }  
        catch(IOException i)  
        {  
            System.out.println(i);  
        }  
    }  
  
    public static void main(String args[])  
    {  
        System.out.println("Client");  
        Client c = new Client("localhost" , 8000);  
  
    }  
}
```

//Ask.java

```
package a4;  
  
/**  
 *  
 * @author hp  
 */  
public class ask extends javax.swing.JFrame {  
  
    /**  
     * Creates new form ask  
     */  
    public ask() {  
        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() {

    jDesktopPane1 = new javax.swing.JDesktopPane();
    chooseLabel = new javax.swing.JLabel();
    btnLogin = new javax.swing.JButton();
    btnSignup = new javax.swing.JButton();
    chooseLabel1 = new javax.swing.JLabel();

    setDefaultCloseOperation(javax.swing.WindowConstants.EXIT_ON_CLOSE);

    chooseLabel.setFont(new java.awt.Font("SansSerif", 1, 36)); // NOI18N
    chooseLabel.setForeground(new java.awt.Color(255, 255, 255));
    chooseLabel.setHorizontalAlignment(javax.swing.SwingConstants.CENTER);
    chooseLabel.setText("Choose");

    btnLogin.setBackground(new java.awt.Color(102, 102, 102));
    btnLogin.setFont(new java.awt.Font("SansSerif", 1, 36)); // NOI18N
    btnLogin.setForeground(new java.awt.Color(255, 255, 255));
    btnLogin.setText("Login");
    btnLogin.setBorder(new javax.swing.border.SoftBevelBorder(javax.swing.border.BevelBorder.RAISED));
    btnLogin.addActionListener(new java.awt.event.ActionListener() {
        public void actionPerformed(java.awt.event.ActionEvent evt) {
            btnLoginActionPerformed(evt);
        }
    });

    btnSignup.setBackground(new java.awt.Color(102, 102, 102));
    btnSignup.setFont(new java.awt.Font("SansSerif", 1, 36)); // NOI18N
    btnSignup.setForeground(new java.awt.Color(255, 255, 255));
    btnSignup.setText("SignUp");
    btnSignup.setBorder(new javax.swing.border.SoftBevelBorder(javax.swing.border.BevelBorder.RAISED));
    btnSignup.addActionListener(new java.awt.event.ActionListener() {
        public void actionPerformed(java.awt.event.ActionEvent evt) {
            btnSignupActionPerformed(evt);
        }
    });

    chooseLabel1.setFont(new java.awt.Font("Impact", 0, 36)); // NOI18N
    chooseLabel1.setForeground(new java.awt.Color(255, 255, 255));
    chooseLabel1.setHorizontalAlignment(javax.swing.SwingConstants.CENTER);
    chooseLabel1.setText("Welcome To Employee Portal !");

    jDesktopPane1.setLayer(chooseLabel, javax.swing.JLayeredPane.DEFAULT_LAYER);
    jDesktopPane1.setLayer(btnLogin, javax.swing.JLayeredPane.DEFAULT_LAYER);
    jDesktopPane1.setLayer(btnSignup, javax.swing.JLayeredPane.DEFAULT_LAYER);
    jDesktopPane1.setLayer(chooseLabel1, javax.swing.JLayeredPane.DEFAULT_LAYER);

```



```

javax.swing.GroupLayout jDesktopPane1Layout = new javax.swing.GroupLayout(jDesktopPane1);
jDesktopPane1.setLayout(jDesktopPane1Layout);
jDesktopPane1Layout.setHorizontalGroup(
    jDesktopPane1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addGroup(jDesktopPane1Layout.createSequentialGroup()
            .addGap()
            .addComponent(chooseLabel1, javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.D
EFAULT_SIZE, Short.MAX_VALUE)
            .addGap()
            .addGroup(jDesktopPane1Layout.createSequentialGroup()
                .addGap(207, 207, 207)
                .addGroup(jDesktopPane1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING,
false)
                    .addComponent(chooseLabel, javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.D
EFAULT_SIZE, Short.MAX_VALUE)
                    .addComponent(btnSignup, javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.DE
FAULT_SIZE, Short.MAX_VALUE)
                    .addComponent(btnLogin, javax.swing.GroupLayout.PREFERRED_SIZE, 207, javax.swing.GroupLay
out.PREFERRED_SIZE))
                .addGap(207, Short.MAX_VALUE))
            );
jDesktopPane1Layout.setVerticalGroup(
    jDesktopPane1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addGroup(javax.swing.GroupLayout.Alignment.TRAILING, jDesktopPane1Layout.createSequentialGroup()
            .addGap(javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
            .addComponent(chooseLabel1, javax.swing.GroupLayout.PREFERRED_SIZE, 50, javax.swing.GroupLa
yout.PREFERRED_SIZE)
            .addGap(39, 39, 39)
            .addComponent(chooseLabel, javax.swing.GroupLayout.PREFERRED_SIZE, 50, javax.swing.GroupLay
out.PREFERRED_SIZE)
            .addGap(50, 50, 50)
            .addComponent(btnLogin, javax.swing.GroupLayout.PREFERRED_SIZE, 58, javax.swing.GroupLayout.
PREFERRED_SIZE)
            .addGap(38, 38, 38)
            .addComponent(btnSignup, javax.swing.GroupLayout.PREFERRED_SIZE, 58, javax.swing.GroupLayout.
PREFERRED_SIZE)
            .addGap(106, 106, 106))
        );

javax.swing.GroupLayout layout = new javax.swing.GroupLayout(getContentPane());
getContentPane().setLayout(layout);
layout.setHorizontalGroup(
    layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addComponent(jDesktopPane1)
    );
layout.setVerticalGroup(
    layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addComponent(jDesktopPane1)
    );

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

```

```

private void btnSignupActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
    String args[] = {""};
    SignUp.main(args);
    this.dispose();
}

private void btnLoginActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
    String args[] = {""};
    login.main(args);
    this.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(ask.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);
    } catch (InstantiationException ex) {
        java.util.logging.Logger.getLogger(ask.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);
    } catch (IllegalAccessException ex) {
        java.util.logging.Logger.getLogger(ask.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);
    } catch (javax.swing.UnsupportedLookAndFeelException ex) {
        java.util.logging.Logger.getLogger(ask.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 ask().setVisible(true);
        }
    });
}

// Variables declaration - do not modify
private javax.swing.JButton btnLogin;
private javax.swing.JButton btnSignup;

```



```

private javax.swing.JLabel chooseLabel;
private javax.swing.JLabel chooseLabel1;
private javax.swing.JDesktopPane jDesktopPane1;
// End of variables declaration
}

```

//Login.java

```

package a4;

```

```

import java.sql.Connection;
import java.sql.DriverManager;
import java.sql.ResultSet;
import java.sql.*;
import java.util.logging.Level;
import java.util.logging.Logger;
import javax.swing.JOptionPane;

```

```

/**
 *
 * @author hp
 */

```

```

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() {

```

```

    jDesktopPane1 = new javax.swing.JDesktopPane();
    loginLable = new javax.swing.JLabel();
    uNameLabel = new javax.swing.JLabel();
    usernameField = new javax.swing.JTextField();
    pwdLable = new javax.swing.JLabel();
    pwdField = new javax.swing.JPasswordField();
    loginBtn = new javax.swing.JButton();
    btnBack = new javax.swing.JButton();

```

```
setDefaultCloseOperation(javax.swing.WindowConstants.EXIT_ON_CLOSE);

loginLable.setFont(new java.awt.Font("SansSerif", 1, 36)); // NOI18N
loginLable.setForeground(new java.awt.Color(255, 255, 255));
loginLable.setHorizontalAlignment(javax.swing.SwingConstants.CENTER);
loginLable.setText("Login");
loginLable.setBorder(javax.swing.BorderFactory.createLineBorder(new java.awt.Color(255, 255, 255)));
loginLable.setHorizontalTextPosition(javax.swing.SwingConstants.CENTER);

uNameLabel.setFont(new java.awt.Font("SansSerif", 0, 18)); // NOI18N
uNameLabel.setForeground(new java.awt.Color(255, 255, 255));
uNameLabel.setHorizontalAlignment(javax.swing.SwingConstants.CENTER);
uNameLabel.setText("Username");

unameField.setFont(new java.awt.Font("SansSerif", 3, 18)); // NOI18N
unameField.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        unameFieldActionPerformed(evt);
    }
});

pwdLable.setFont(new java.awt.Font("SansSerif", 0, 18)); // NOI18N
pwdLable.setForeground(new java.awt.Color(255, 255, 255));
pwdLable.setHorizontalAlignment(javax.swing.SwingConstants.CENTER);
pwdLable.setText("Password");

pwdField.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        pwdFieldActionPerformed(evt);
    }
});

loginBtn.setFont(new java.awt.Font("SansSerif", 1, 18)); // NOI18N
loginBtn.setText("Login");
loginBtn.setBorder(javax.swing.BorderFactory.createBevelBorder(javax.swing.border.BevelBorder.RAISED));

loginBtn.setCursor(new java.awt.Cursor(java.awt.Cursor.DEFAULT_CURSOR));
loginBtn.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        loginBtnActionPerformed(evt);
    }
});

btnBack.setBackground(new java.awt.Color(102, 102, 102));
btnBack.setFont(new java.awt.Font("SansSerif", 1, 12)); // NOI18N
btnBack.setForeground(new java.awt.Color(255, 255, 255));
btnBack.setText("Back");
btnBack.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        btnBackActionPerformed(evt);
    }
});

jDesktopPane1.setLayer(loginLable, javax.swing.JLayeredPane.DEFAULT_LAYER);
```



```

jDesktopPane1.setLayer(uNameLabel, javax.swing.JLayeredPane.DEFAULT_LAYER);
jDesktopPane1.setLayer(unameField, javax.swing.JLayeredPane.DEFAULT_LAYER);
jDesktopPane1.setLayer(pwdLable, javax.swing.JLayeredPane.DEFAULT_LAYER);
jDesktopPane1.setLayer(pwdField, javax.swing.JLayeredPane.DEFAULT_LAYER);
jDesktopPane1.setLayer(loginBtn, javax.swing.JLayeredPane.DEFAULT_LAYER);
jDesktopPane1.setLayer(btnBack, javax.swing.JLayeredPane.DEFAULT_LAYER);

javax.swing.GroupLayout jDesktopPane1Layout = new javax.swing.GroupLayout(jDesktopPane1);
jDesktopPane1.setLayout(jDesktopPane1Layout);
jDesktopPane1Layout.setHorizontalGroup(
    jDesktopPane1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addGroup(javax.swing.GroupLayout.Alignment.TRAILING, jDesktopPane1Layout.createSequentialGroup()
            .addContainerGap()
            .addComponent(pwdField, javax.swing.GroupLayout.PREFERRED_SIZE, 240, javax.swing.GroupLayout.PREFERRED_SIZE)
            .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
            .addComponent(btnBack, javax.swing.GroupLayout.PREFERRED_SIZE, 65, javax.swing.GroupLayout.PREFERRED_SIZE)
            .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
            .addGroup(jDesktopPane1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
                .addGroup(jDesktopPane1Layout.createSequentialGroup()
                    .addGap(76, 76, 76)
                    .addComponent(uNameLabel))
                .addGroup(jDesktopPane1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING)
                    .addComponent(unameField, javax.swing.GroupLayout.PREFERRED_SIZE, 240, javax.swing.GroupLayout.PREFERRED_SIZE)
                    .addComponent(loginLable, javax.swing.GroupLayout.PREFERRED_SIZE, 240, javax.swing.GroupLayout.PREFERRED_SIZE))
                .addGroup(jDesktopPane1Layout.createSequentialGroup()
                    .addGap(78, 78, 78)
                    .addComponent(pwdLable))
                .addGroup(jDesktopPane1Layout.createSequentialGroup()
                    .addGap(62, 62, 62)
                    .addComponent(loginBtn, javax.swing.GroupLayout.PREFERRED_SIZE, 109, javax.swing.GroupLayout.PREFERRED_SIZE))))
            .addGap(170, 170, 170))
        );
jDesktopPane1Layout.setVerticalGroup(
    jDesktopPane1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addGroup(jDesktopPane1Layout.createSequentialGroup()
            .addGroup(jDesktopPane1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
                .addGroup(jDesktopPane1Layout.createSequentialGroup()
                    .addGap(32, 32, 32)
                    .addComponent(loginLable, javax.swing.GroupLayout.PREFERRED_SIZE, 60, javax.swing.GroupLayout.PREFERRED_SIZE))
                .addGroup(jDesktopPane1Layout.createSequentialGroup()
                    .addGap(18, 18, 18)
                    .addComponent(btnBack)))
            .addGap(18, 18, 18)

```

```

        .addComponent(uNameLabel)
        .addGap(18, 18, 18)
        .addComponent(unameField, javax.swing.GroupLayout.PREFERRED_SIZE, 48, javax.swing.GroupLayout.PREFERRED_SIZE)
        .addGap(18, 18, 18)
        .addComponent(pwdLable, javax.swing.GroupLayout.PREFERRED_SIZE, 33, javax.swing.GroupLayout.PREFERRED_SIZE)
        .addGap(18, 18, 18)
        .addComponent(pwdField, javax.swing.GroupLayout.PREFERRED_SIZE, 48, javax.swing.GroupLayout.PREFERRED_SIZE)
        .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED, 45, Short.MAX_VALUE)
        .addComponent(loginBtn, javax.swing.GroupLayout.PREFERRED_SIZE, 45, javax.swing.GroupLayout.PREFERRED_SIZE)
        .addGap(34, 34, 34))
    );

```

```

    javax.swing.GroupLayout layout = new javax.swing.GroupLayout(getContentPane());
    getContentPane().setLayout(layout);
    layout.setHorizontalGroup(
        layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
            .addComponent(jDesktopPanel, javax.swing.GroupLayout.PREFERRED_SIZE, javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)
    );
    layout.setVerticalGroup(
        layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
            .addComponent(jDesktopPanel)
    );

```

```

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

```

```

private void unameFieldActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
}

```

```

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

```

```

    boolean adm = (unameField.getText().equals("admin") || unameField.getText().equals("Admin") || unameField.getText().equals("ADMIN")) && (pwdField.getText().equals("admin") || pwdField.getText().equals("Admin") || pwdField.getText().equals("ADMIN"));

```

```

    if(adm)
    {
        JOptionPane.showMessageDialog(null, "Logged In as Admin !" );
        String args[] = {" "};
        admin.main(args);
        this.dispose();
    }
    else
    {
        try {
            boolean flag;
            // TODO add your handling code here:

```

```

String path = "jdbc:mysql://localhost:3306/emp";
Connection con = DriverManager.getConnection(path,"root","root");
Statement st = con.createStatement();
String Query = "select * from emp.employee where name = '" + unameField.getText() + "' and pwd = '" +
pwdField.getText() + "'";
ResultSet rs = st.executeQuery(Query);
flag = rs.next();
if(flag)
{
    JOptionPane.showMessageDialog(null, "Login Successful !" );
    String args[] = {unameField.getText()};
    Main.main(args);
    this.dispose();
}
else
{
    JOptionPane.showMessageDialog(null, "Login Error : Invalid Credentials !" );
}
unameField.setText("");
pwdField.setText("");

} catch (SQLException ex) {
    Logger.getLogger(login.class.getName()).log(Level.SEVERE, null, ex);
}
}

}

private void pwdFieldActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
}

private void btnBackActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
    String args[] = {""};
    ask.main(args);
    this.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(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.JButton btnBack;
private javax.swing.JDesktopPane jDesktopPane1;
private javax.swing.JButton loginBtn;
private javax.swing.JLabel loginLable;
private javax.swing.JPasswordField pwdField;
private javax.swing.JLabel pwdLable;
private javax.swing.JLabel uNameLabel;
private javax.swing.JTextField unnameField;
// End of variables declaration
}

```

//SignUp.java

```
package a4;
```

```

import java.sql.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;
import javax.swing.JOptionPane;

```

```
/**
```

```

*
* @author hp
*/
public class SignUp extends javax.swing.JFrame {

    /**
     * Creates new form SignUp
     */
    public SignUp() {
        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() {

        jDesktopPane1 = new javax.swing.JDesktopPane();
        signUpLabel = new javax.swing.JLabel();
        uNameLabel = new javax.swing.JLabel();
        desigLabel = new javax.swing.JLabel();
        uNameFeild = new javax.swing.JTextField();
        desigField = new javax.swing.JTextField();
        mailLabel = new javax.swing.JLabel();
        mailFeild = new javax.swing.JTextField();
        explabel = new javax.swing.JLabel();
        expFeild = new javax.swing.JTextField();
        signUpBtn = new javax.swing.JButton();
        btnBack = new javax.swing.JButton();

        setDefaultCloseOperation(javax.swing.WindowConstants.EXIT_ON_CLOSE);
        setPreferredSize(new java.awt.Dimension(610, 441));

        signUpLabel.setFont(new java.awt.Font("SansSerif", 1, 36)); // NOI18N
        signUpLabel.setForeground(new java.awt.Color(255, 255, 255));
        signUpLabel.setHorizontalAlignment(javax.swing.SwingConstants.CENTER);
        signUpLabel.setText("SignUp");

        uNameLabel.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N
        uNameLabel.setForeground(new java.awt.Color(255, 255, 255));
        uNameLabel.setText("UserName :");

        desigLabel.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N
        desigLabel.setForeground(new java.awt.Color(255, 255, 255));
        desigLabel.setText("Designation :");

        uNameFeild.setFont(new java.awt.Font("SansSerif", 0, 18)); // NOI18N

        desigField.setFont(new java.awt.Font("SansSerif", 0, 18)); // NOI18N

```

```

mailLabel.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N
mailLabel.setForeground(new java.awt.Color(255, 255, 255));
mailLabel.setText("Email :");

mailFeild.setFont(new java.awt.Font("SansSerif", 0, 18)); // NOI18N

explabel.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N
explabel.setForeground(new java.awt.Color(255, 255, 255));
explabel.setText("Experience :");

expFeild.setFont(new java.awt.Font("SansSerif", 0, 18)); // NOI18N

signUpBtn.setFont(new java.awt.Font("SansSerif", 1, 18)); // NOI18N
signUpBtn.setText("SignUp");
signUpBtn.setBorder(javax.swing.BorderFactory.createBevelBorder(javax.swing.border.BevelBorder.RAISED
));
signUpBtn.setCursor(new java.awt.Cursor(java.awt.Cursor.DEFAULT_CURSOR));
signUpBtn.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        signUpBtnActionPerformed(evt);
    }
});

btnBack.setBackground(new java.awt.Color(102, 102, 102));
btnBack.setFont(new java.awt.Font("SansSerif", 1, 12)); // NOI18N
btnBack.setForeground(new java.awt.Color(255, 255, 255));
btnBack.setText("Back");
btnBack.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        btnBackActionPerformed(evt);
    }
});

jDesktopPane1.setLayer(signUpLabel, javax.swing.JLayeredPane.DEFAULT_LAYER);
jDesktopPane1.setLayer(uNameLabel, javax.swing.JLayeredPane.DEFAULT_LAYER);
jDesktopPane1.setLayer(desigLabel, javax.swing.JLayeredPane.DEFAULT_LAYER);
jDesktopPane1.setLayer(uNameFeild, javax.swing.JLayeredPane.DEFAULT_LAYER);
jDesktopPane1.setLayer(desigField, javax.swing.JLayeredPane.DEFAULT_LAYER);
jDesktopPane1.setLayer(mailLabel, javax.swing.JLayeredPane.DEFAULT_LAYER);
jDesktopPane1.setLayer(mailFeild, javax.swing.JLayeredPane.DEFAULT_LAYER);
jDesktopPane1.setLayer(explabel, javax.swing.JLayeredPane.DEFAULT_LAYER);
jDesktopPane1.setLayer(expFeild, javax.swing.JLayeredPane.DEFAULT_LAYER);
jDesktopPane1.setLayer(signUpBtn, javax.swing.JLayeredPane.DEFAULT_LAYER);
jDesktopPane1.setLayer(btnBack, javax.swing.JLayeredPane.DEFAULT_LAYER);

javax.swing.GroupLayout jDesktopPane1Layout = new javax.swing.GroupLayout(jDesktopPane1);
jDesktopPane1.setLayout(jDesktopPane1Layout);
jDesktopPane1Layout.setHorizontalGroup(
    jDesktopPane1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addGroup(jDesktopPane1Layout.createSequentialGroup()
            .addContainerGap()
            .addGroup(jDesktopPane1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
                .addComponent(signUpLabel)
                .addComponent(uNameLabel)
                .addComponent(desigLabel)
                .addComponent(uNameFeild)
                .addComponent(desigField)
                .addComponent(mailLabel)
                .addComponent(mailFeild)
                .addComponent(explabel)
                .addComponent(expFeild)
                .addComponent(signUpBtn)
                .addComponent(btnBack)
            )
            .addContainerGap(10, true)
        )
);

```



```

NG)
    .addComponent(mailFeild, javax.swing.GroupLayout.PREFERRED_SIZE, 223, javax.swing.GroupLayout.PREFERRED_SIZE)
    .addComponent(mailLabel, javax.swing.GroupLayout.PREFERRED_SIZE, 193, javax.swing.GroupLayout.PREFERRED_SIZE)
    .addComponent(uNameFeild, javax.swing.GroupLayout.PREFERRED_SIZE, 223, javax.swing.GroupLayout.PREFERRED_SIZE)
    .addComponent(uNameLabel, javax.swing.GroupLayout.PREFERRED_SIZE, 210, javax.swing.GroupLayout.PREFERRED_SIZE))
    .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED, 144, Short.MAX_VALUE)
    .addGroup(jDesktopPane1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
NG)
    .addComponent(expFeild, javax.swing.GroupLayout.PREFERRED_SIZE, 223, javax.swing.GroupLayout.PREFERRED_SIZE)
    .addComponent(explabel, javax.swing.GroupLayout.PREFERRED_SIZE, 193, javax.swing.GroupLayout.PREFERRED_SIZE)
    .addComponent(desigField, javax.swing.GroupLayout.PREFERRED_SIZE, 223, javax.swing.GroupLayout.PREFERRED_SIZE)
    .addComponent(desigLabel, javax.swing.GroupLayout.PREFERRED_SIZE, 210, javax.swing.GroupLayout.PREFERRED_SIZE)))
    .addGroup(javax.swing.GroupLayout.Alignment.TRAILING, jDesktopPane1Layout.createSequentialGroup()
roup()
    .addComponent(btnBack, javax.swing.GroupLayout.PREFERRED_SIZE, 65, javax.swing.GroupLayout.PREFERRED_SIZE)
    .addGap(162, 162, 162)
    .addComponent(signUpLabel, javax.swing.GroupLayout.PREFERRED_SIZE, 140, javax.swing.GroupLayout.PREFERRED_SIZE)
    .addGap(0, 0, Short.MAX_VALUE)))
    .addContainerGap()
    .addGroup(javax.swing.GroupLayout.Alignment.TRAILING, jDesktopPane1Layout.createSequentialGroup(
)
    .addContainerGap(javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
    .addComponent(signUpBtn, javax.swing.GroupLayout.PREFERRED_SIZE, 109, javax.swing.GroupLayout.PREFERRED_SIZE)
    .addGap(249, 249, 249))
);
jDesktopPane1Layout.setVerticalGroup(
jDesktopPane1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
.addGroup(jDesktopPane1Layout.createSequentialGroup())
    .addGroup(jDesktopPane1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addGroup(jDesktopPane1Layout.createSequentialGroup())
        .addGap(33, 33, 33)
        .addComponent(signUpLabel))
    .addGroup(jDesktopPane1Layout.createSequentialGroup())
    .addContainerGap()
    .addComponent(btnBack)))
.addGap(50, 50, 50)
.addGroup(jDesktopPane1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
    .addGroup(javax.swing.GroupLayout.Alignment.TRAILING, jDesktopPane1Layout.createSequentialGroup()
roup()
    .addComponent(desigLabel, javax.swing.GroupLayout.PREFERRED_SIZE, 14, javax.swing.GroupLayout.PREFERRED_SIZE)
    .addGap(18, 18, 18)

```

```

        .addComponent(designField, javax.swing.GroupLayout.PREFERRED_SIZE, 39, javax.swing.GroupLayout.PREFERRED_SIZE)
        .addGap(18, 18, 18)
        .addComponent(explabel, javax.swing.GroupLayout.PREFERRED_SIZE, 25, javax.swing.GroupLayout.PREFERRED_SIZE)
        .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)
        .addComponent(expFeild, javax.swing.GroupLayout.PREFERRED_SIZE, 39, javax.swing.GroupLayout.PREFERRED_SIZE))
        .addGroup(jDesktopPane1Layout.createSequentialGroup()
            .addComponent(uNameLabel, javax.swing.GroupLayout.PREFERRED_SIZE, 14, javax.swing.GroupLayout.PREFERRED_SIZE)
            .addGap(18, 18, 18)
            .addComponent(uNameFeild, javax.swing.GroupLayout.PREFERRED_SIZE, 39, javax.swing.GroupLayout.PREFERRED_SIZE)
            .addGap(18, 18, 18)
            .addComponent(mailLabel, javax.swing.GroupLayout.PREFERRED_SIZE, 25, javax.swing.GroupLayout.PREFERRED_SIZE)
            .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)
            .addComponent(mailFeild, javax.swing.GroupLayout.PREFERRED_SIZE, 39, javax.swing.GroupLayout.PREFERRED_SIZE)))
        .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED, 37, Short.MAX_VALUE)
        .addComponent(signUpBtn, javax.swing.GroupLayout.PREFERRED_SIZE, 45, javax.swing.GroupLayout.PREFERRED_SIZE)
        .addGap(65, 65, 65))
    );

```

```

    javax.swing.GroupLayout layout = new javax.swing.GroupLayout(getContentPane());
    getContentPane().setLayout(layout);
    layout.setHorizontalGroup(
        layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
            .addComponent(jDesktopPane1, javax.swing.GroupLayout.PREFERRED_SIZE, javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)
    );
    layout.setVerticalGroup(
        layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
            .addComponent(jDesktopPane1)
    );

```

```

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

```

```

private void signUpBtnActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:

    int ex=0;
    String args[] = {"", ""};
    boolean isInt = false;
    if( uNameFeild.getText().equals("") || designField.getText().equals("") || mailFeild.getText().equals("") || expFeild.getText().equals(""))
    {
        JOptionPane.showMessageDialog(null, "All Feilds Must be Filled!" );
    }
}

```

```

else
{
    try{
        ex = Integer.parseInt(expFeild.getText());
        isInt = true;
    }
    catch(NumberFormatException e)
    {
        isInt = false;
    }
    if(!isInt)
    {
        JOptionPane.showMessageDialog(null, "Experience Must be Integer" );
    }
    else
    {
        float sal = 0;
        if(ex <=5)
        {
            sal = 50000;
        }
        else if(ex > 5 && ex < 10)
        {
            sal = 100000;
        }
        else
        {
            sal = 150000;
        }

        try {
            String path = "jdbc:mysql://localhost:3306/emp";
            Connection con = DriverManager.getConnection(path,"root","root");
            Statement st = con.createStatement();
            String Query = "insert into emp.employee (name,pwd,email,exp,desig,salary) values ('" + uNameFeild.getText() + "' , '" + (uNameFeild.getText() + "@123") + "' , '" + mailFeild.getText() + "' , " + ex + " , '" + desigField.getText() + "' , " + sal + " ) " ;
            st.executeUpdate(Query);

            JOptionPane.showMessageDialog(null, "SignUp Successful ! + \n\n\t Your Password is : " + uNameFeild.getText() + "@123" );
            ask.main(args);
            this.dispose();
        } catch (SQLException exe) {
            Logger.getLogger(SignUp.class.getName()).log(Level.SEVERE, null, exe);
        }
    }

}

}

private void btnBackActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:

```



```

String args[] = {""};
ask.main(args);
this.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(SignUp.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

    } catch (InstantiationException ex) {
        java.util.logging.Logger.getLogger(SignUp.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

    } catch (IllegalAccessException ex) {
        java.util.logging.Logger.getLogger(SignUp.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

    } catch (javax.swing.UnsupportedLookAndFeelException ex) {
        java.util.logging.Logger.getLogger(SignUp.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 SignUp().setVisible(true);
        }
    });
}

// Variables declaration - do not modify
private javax.swing.JButton btnBack;
private javax.swing.JTextField desigField;
private javax.swing.JLabel desigLabel;
private javax.swing.JTextField expFeild;
private javax.swing.JLabel explabel;
private javax.swing.JDesktopPane jDesktopPane1;
private javax.swing.JTextField mailFeild;
private javax.swing.JLabel mailLabel;

```

```

private javax.swing.JButton signUpBtn;
private javax.swing.JLabel signUpLabel;
private javax.swing.JTextField uNameFeild;
private javax.swing.JLabel uNameLabel;
// End of variables declaration
}

```

// Main.java

```

package a4;

```

```

import java.sql.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;
import javax.swing.*;

```

```

/**
 *
 * @author hp
 */

```

```

public class Main extends javax.swing.JFrame {

```

```

    /**
     * Creates new form Main
     */

```

```

    String args[];

```

```

    public Main() {
        initComponents();

```

```

        //setContentPane(new JLabel(new ImageIcon("D:/TE/TE sem-1/Lab/SDL/Asgn4/a4/src/a4/bg.jpg")));
    }

```

```

    public Main(String args[])
    {
        this.args = args;
        initComponents();
        //JOptionPane.showMessageDialog(null, "\n\n\t" + args[0] );

```

```

        try {
            boolean flag;
            // TODO add your handling code here:
            String path = "jdbc:mysql://localhost:3306/emp";
            Connection con = DriverManager.getConnection(path,"root","root");
            Statement st = con.createStatement();
            String Query = "select * from emp.employee where name = " + args[0] + "" ;

```

```

ResultSet rs = st.executeQuery(Query);
flag = rs.next();
String s;
if(flag)
{
    s = rs.getString("name");
    lblUname.setText(s);
    s = rs.getString("email");
    lblMail.setText(s);
    s = rs.getString("desig");
    lblDesig.setText(s);
    s = rs.getString("exp");
    lblExp.setText(s + " Years");
    s = rs.getString("salary");
    lblSal.setText("Rs. " +s );

}
else
{
    JOptionPane.showMessageDialog(null, " Error : No Data Found !" );
}
}
catch (SQLException ex) {
    Logger.getLogger(Main.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() {

    MainPanel = new javax.swing.JDesktopPane();
    btnProfile = new javax.swing.JButton();
    btnPrj = new javax.swing.JButton();
    jLabel1 = new javax.swing.JLabel();
    lblUname = new javax.swing.JLabel();
    jLabel3 = new javax.swing.JLabel();
    lblMail = new javax.swing.JLabel();
    jLabel5 = new javax.swing.JLabel();
    lblDesig = new javax.swing.JLabel();
    jLabel7 = new javax.swing.JLabel();
    lblExp = new javax.swing.JLabel();
    jLabel9 = new javax.swing.JLabel();
    lblSal = new javax.swing.JLabel();
    btnLogout = new javax.swing.JButton();

    setDefaultCloseOperation(javax.swing.WindowConstants.EXIT_ON_CLOSE);

    btnProfile.setText("Profile");

```



```
btnProfile.addActionListener(new java.awt.event.ActionListener() {  
    public void actionPerformed(java.awt.event.ActionEvent evt) {  
        btnProfileActionPerformed(evt);  
    }  
});
```

```
btnPrj.setText("Projects");  
btnPrj.addActionListener(new java.awt.event.ActionListener() {  
    public void actionPerformed(java.awt.event.ActionEvent evt) {  
        btnPrjActionPerformed(evt);  
    }  
});
```

```
jLabel1.setFont(new java.awt.Font("SansSerif", 0, 18)); // NOI18N  
jLabel1.setForeground(new java.awt.Color(255, 255, 255));  
jLabel1.setText("User Name   :");
```

```
lblUname.setFont(new java.awt.Font("SansSerif", 0, 18)); // NOI18N  
lblUname.setForeground(new java.awt.Color(255, 255, 255));  
lblUname.setText("Name");
```

```
jLabel3.setFont(new java.awt.Font("SansSerif", 0, 18)); // NOI18N  
jLabel3.setForeground(new java.awt.Color(255, 255, 255));  
jLabel3.setText("Email       :");
```

```
lblMail.setFont(new java.awt.Font("SansSerif", 0, 18)); // NOI18N  
lblMail.setForeground(new java.awt.Color(255, 255, 255));  
lblMail.setText("Name");
```

```
jLabel5.setFont(new java.awt.Font("SansSerif", 0, 18)); // NOI18N  
jLabel5.setForeground(new java.awt.Color(255, 255, 255));  
jLabel5.setText("Designation  :");
```

```
lblDesig.setFont(new java.awt.Font("SansSerif", 0, 18)); // NOI18N  
lblDesig.setForeground(new java.awt.Color(255, 255, 255));  
lblDesig.setText("Name");
```

```
jLabel7.setFont(new java.awt.Font("SansSerif", 0, 18)); // NOI18N  
jLabel7.setForeground(new java.awt.Color(255, 255, 255));  
jLabel7.setText("Expereince   :");
```

```
lblExp.setFont(new java.awt.Font("SansSerif", 0, 18)); // NOI18N  
lblExp.setForeground(new java.awt.Color(255, 255, 255));  
lblExp.setText("Name");
```

```
jLabel9.setFont(new java.awt.Font("SansSerif", 0, 18)); // NOI18N  
jLabel9.setForeground(new java.awt.Color(255, 255, 255));  
jLabel9.setText("Salary       :");
```

```
lblSal.setFont(new java.awt.Font("SansSerif", 0, 18)); // NOI18N  
lblSal.setForeground(new java.awt.Color(255, 255, 255));  
lblSal.setText("Name");
```

```
btnLogout.setBackground(new java.awt.Color(102, 102, 102));
```

```

btnLogout.setFont(new java.awt.Font("SansSerif", 1, 12)); // NOI18N
btnLogout.setForeground(new java.awt.Color(255, 255, 255));
btnLogout.setText("Logout");
btnLogout.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        btnLogoutActionPerformed(evt);
    }
});

MainPanel.setLayer(btnProfile, javax.swing.JLayeredPane.DEFAULT_LAYER);
MainPanel.setLayer(btnPrj, javax.swing.JLayeredPane.DEFAULT_LAYER);
MainPanel.setLayer(jLabel1, javax.swing.JLayeredPane.DEFAULT_LAYER);
MainPanel.setLayer(lblUname, javax.swing.JLayeredPane.DEFAULT_LAYER);
MainPanel.setLayer(jLabel3, javax.swing.JLayeredPane.DEFAULT_LAYER);
MainPanel.setLayer(lblMail, javax.swing.JLayeredPane.DEFAULT_LAYER);
MainPanel.setLayer(jLabel5, javax.swing.JLayeredPane.DEFAULT_LAYER);
MainPanel.setLayer(lblDesig, javax.swing.JLayeredPane.DEFAULT_LAYER);
MainPanel.setLayer(jLabel7, javax.swing.JLayeredPane.DEFAULT_LAYER);
MainPanel.setLayer(lblExp, javax.swing.JLayeredPane.DEFAULT_LAYER);
MainPanel.setLayer(jLabel9, javax.swing.JLayeredPane.DEFAULT_LAYER);
MainPanel.setLayer(lblSal, javax.swing.JLayeredPane.DEFAULT_LAYER);
MainPanel.setLayer(btnLogout, javax.swing.JLayeredPane.DEFAULT_LAYER);

javax.swing.GroupLayout MainPanelLayout = new javax.swing.GroupLayout(MainPanel);
MainPanel.setLayout(MainPanelLayout);
MainPanelLayout.setHorizontalGroup(
    MainPanelLayout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addGroup(MainPanelLayout.createSequentialGroup()
            .addContainerGap(36, Short.MAX_VALUE)
            .addGroup(MainPanelLayout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
                .addGroup(javax.swing.GroupLayout.Alignment.TRAILING, MainPanelLayout.createSequentialGroup()
                    .addGroup(MainPanelLayout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING, false)
                        .addComponent(jLabel1, javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
                        .addComponent(jLabel5, javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
                        .addComponent(jLabel7, javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
                        .addComponent(jLabel3, javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
                        .addComponent(jLabel9, javax.swing.GroupLayout.PREFERRED_SIZE, 115, javax.swing.GroupLayout.PREFERRED_SIZE))
                    .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED, 29, javax.swing.GroupLayout.PREFERRED_SIZE)
                    .addGroup(MainPanelLayout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING, false)
                        .addComponent(lblExp, javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
                        .addComponent(lblUname, javax.swing.GroupLayout.Alignment.LEADING, javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
                        .addComponent(lblMail, javax.swing.GroupLayout.Alignment.LEADING, javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
                        .addComponent(lblDesig, javax.swing.GroupLayout.Alignment.LEADING, javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
                    )
                )
            )
        )
);

```

```

yout.DEFAULT_SIZE, javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
    .addComponent(lblSal, javax.swing.GroupLayout.PREFERRED_SIZE, 377, javax.swing.GroupLa
yout.PREFERRED_SIZE))
    .addGap(53, 53, 53))
    .addGroup(javax.swing.GroupLayout.Alignment.TRAILING, MainPanelLayout.createSequentialGroup
()
    .addComponent(btnProfile, javax.swing.GroupLayout.PREFERRED_SIZE, 82, javax.swing.GroupL
ayout.PREFERRED_SIZE)
    .addGap(60, 60, 60)
    .addComponent(btnPrj, javax.swing.GroupLayout.PREFERRED_SIZE, 82, javax.swing.GroupLayou
t.PREFERRED_SIZE)
    .addGap(60, 60, 60)
    .addComponent(btnLogout, javax.swing.GroupLayout.PREFERRED_SIZE, 83, javax.swing.GroupL
ayout.PREFERRED_SIZE)
    .addContainerGap()))
);
MainPanelLayout.setVerticalGroup(
MainPanelLayout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
    .addGroup(javax.swing.GroupLayout.Alignment.TRAILING, MainPanelLayout.createSequentialGroup()
    .addGap(22, 22, 22)
    .addGroup(MainPanelLayout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
    .addComponent(btnProfile, javax.swing.GroupLayout.PREFERRED_SIZE, 57, javax.swing.GroupLay
out.PREFERRED_SIZE)
    .addComponent(btnPrj, javax.swing.GroupLayout.PREFERRED_SIZE, 53, javax.swing.GroupLayout.
PREFERRED_SIZE)
    .addComponent(btnLogout, javax.swing.GroupLayout.PREFERRED_SIZE, 57, javax.swing.GroupLay
out.PREFERRED_SIZE))
    .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED, 50, Short.MAX_VALUE)
    .addGroup(MainPanelLayout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
    .addComponent(jLabel1, javax.swing.GroupLayout.PREFERRED_SIZE, 35, javax.swing.GroupLayout.
PREFERRED_SIZE)
    .addComponent(lblUname, javax.swing.GroupLayout.PREFERRED_SIZE, 35, javax.swing.GroupLayo
ut.PREFERRED_SIZE))
    .addGap(18, 18, 18)
    .addGroup(MainPanelLayout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
    .addComponent(lblMail, javax.swing.GroupLayout.PREFERRED_SIZE, 35, javax.swing.GroupLayout.
PREFERRED_SIZE)
    .addComponent(jLabel3, javax.swing.GroupLayout.PREFERRED_SIZE, 35, javax.swing.GroupLayout.
PREFERRED_SIZE))
    .addGap(18, 18, 18)
    .addGroup(MainPanelLayout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
    .addComponent(lblDesig, javax.swing.GroupLayout.PREFERRED_SIZE, 35, javax.swing.GroupLayou
t.PREFERRED_SIZE)
    .addComponent(jLabel5, javax.swing.GroupLayout.PREFERRED_SIZE, 35, javax.swing.GroupLayout.
PREFERRED_SIZE))
    .addGap(18, 18, 18)
    .addGroup(MainPanelLayout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
    .addComponent(lblExp, javax.swing.GroupLayout.PREFERRED_SIZE, 35, javax.swing.GroupLayout.
PREFERRED_SIZE)
    .addComponent(jLabel7, javax.swing.GroupLayout.PREFERRED_SIZE, 35, javax.swing.GroupLayout.
PREFERRED_SIZE))
    .addGap(18, 18, 18)
    .addGroup(MainPanelLayout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
    .addComponent(jLabel9, javax.swing.GroupLayout.PREFERRED_SIZE, 35, javax.swing.GroupLayout

```

```

.PREFERRED_SIZE)
    .addComponent(lblSal, javax.swing.GroupLayout.PREFERRED_SIZE, 35, javax.swing.GroupLayout.P
REFERRED_SIZE))
    .addGap(60, 60, 60))
);

javax.swing.GroupLayout layout = new javax.swing.GroupLayout(getContentPane());
getContentPane().setLayout(layout);
layout.setHorizontalGroup(
    layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addComponent(MainPanel, javax.swing.GroupLayout.PREFERRED_SIZE, javax.swing.GroupLayout.DEF
AULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)
);
layout.setVerticalGroup(
    layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addComponent(MainPanel, javax.swing.GroupLayout.PREFERRED_SIZE, javax.swing.GroupLayout.DEF
AULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)
);

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

private void btnProfileActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
    Main.main(args);
    this.dispose();
}

private void btnLogoutActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
    String args[] = {""};
    ask.main(args);
    this.dispose();
}

private void btnPrjActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
    MainPrj.main(args);
    this.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(Main.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);
    } catch (InstantiationException ex) {
        java.util.logging.Logger.getLogger(Main.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);
    } catch (IllegalAccessException ex) {
        java.util.logging.Logger.getLogger(Main.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);
    } catch (javax.swing.UnsupportedLookAndFeelException ex) {
        java.util.logging.Logger.getLogger(Main.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 Main(args).setVisible(true);
    }
});

```

```

//</editor-fold>
}

```

```

// Variables declaration - do not modify
private javax.swing.JDesktopPane MainPanel;
private javax.swing.JButton btnLogout;
private javax.swing.JButton btnPrj;
private javax.swing.JButton btnProfile;
private javax.swing.JLabel jLabel1;
private javax.swing.JLabel jLabel3;
private javax.swing.JLabel jLabel5;
private javax.swing.JLabel jLabel7;
private javax.swing.JLabel jLabel9;
private javax.swing.JLabel lblDesig;
private javax.swing.JLabel lblExp;
private javax.swing.JLabel lblMail;
private javax.swing.JLabel lblSal;
private javax.swing.JLabel lblUname;
// End of variables declaration
}

```

```
// MainPrj.java
```

```
package a4;
```

```
import java.sql.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;
import javax.swing.JOptionPane;
```

```
/**
 *
 * @author hp
 */
```

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

```
    String args[];
```

```
    /**
     * Creates new form MainPrj
     */
```

```
    public MainPrj() {
        initComponents();
    }
```

```
    public MainPrj(String args[])
    {
```

```
        this.args = args;
        initComponents();
        updateInput.setVisible(false);
        update.setVisible(false);
        //JOptionPane.showMessageDialog(null, "\n\n\t" + args[0] );
```

```
        try {
            boolean flag;
            // TODO add your handling code here:
            String path = "jdbc:mysql://localhost:3306/emp";
            Connection con = DriverManager.getConnection(path,"root","root");
            Statement st = con.createStatement();
            String Query = "select * from emp.employee where name = '" + args[0] + "'";
            ResultSet rs = st.executeQuery(Query);
            flag = rs.next();
            String s;
            if(flag)
            {
                Object o = rs.getString("prj_nm");
                if( o == null)
                {
```

```

        lblPrjName.setVisible(false);
        lblPrjDetail.setVisible(false);
        lblPrjDeadline.setVisible(false);
        lblPrjProgress.setVisible(false);
        prjName.setVisible(false);
        prjDetail.setVisible(false);
        prjDeadline.setVisible(false);
        prjProgress.setVisible(false);
        btnUpdate.setVisible(false);
        lblMsg.setText("You have no Projects Now !");
    }
    else
    {
        boolean flag2 = false;
// TODO add your handling code here:
        String path2 = "jdbc:mysql://localhost:3306/emp";
        Connection con2 = DriverManager.getConnection(path2,"root","root");
        Statement st2 = con2.createStatement();
        String Query2 = "select * from emp.project where prj_name = '" + rs.getString("prj_nm") + "'";
        ResultSet rs2 = st2.executeQuery(Query2);
        flag2 = rs2.next();

        if(flag2)
        {
            s = rs2.getString("prj_name");
            lblPrjName.setText(s);
            s = rs2.getString("prj_detail");
            lblPrjDetail.setText(s);
            s = rs2.getString("deadline");
            lblPrjDeadline.setText(s);
            s = rs2.getString("progress");
            lblPrjProgress.setText(s + " %");
        }
        else
        {
            JOptionPane.showMessageDialog(null, " Error : No Data Found !" );
        }
    }

}
else
{
    JOptionPane.showMessageDialog(null, " Error : No Data Found !" );
}
}

catch (SQLException ex) {
    Logger.getLogger(Main.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() {

    jDesktopPane1 = new javax.swing.JDesktopPane();
    btnProfile = new javax.swing.JButton();
    btnPrj = new javax.swing.JButton();
    btnLogout = new javax.swing.JButton();
    lblMsg = new javax.swing.JLabel();
    prjName = new javax.swing.JLabel();
    lblPrjName = new javax.swing.JLabel();
    prjDetail = new javax.swing.JLabel();
    lblPrjDetail = new javax.swing.JLabel();
    prjDeadline = new javax.swing.JLabel();
    lblPrjDeadline = new javax.swing.JLabel();
    prjProgress = new javax.swing.JLabel();
    lblPrjProgress = new javax.swing.JLabel();
    btnUpdate = new javax.swing.JButton();
    updateInput = new javax.swing.JTextField();
    update = new javax.swing.JButton();

    setDefaultCloseOperation(javax.swing.WindowConstants.EXIT_ON_CLOSE);

    btnProfile.setText("Profile");
    btnProfile.addActionListener(new java.awt.event.ActionListener() {
        public void actionPerformed(java.awt.event.ActionEvent evt) {
            btnProfileActionPerformed(evt);
        }
    });

    btnPrj.setText("Projects");
    btnPrj.addActionListener(new java.awt.event.ActionListener() {
        public void actionPerformed(java.awt.event.ActionEvent evt) {
            btnPrjActionPerformed(evt);
        }
    });

    btnLogout.setBackground(new java.awt.Color(102, 102, 102));
    btnLogout.setFont(new java.awt.Font("SansSerif", 1, 12)); // NOI18N
    btnLogout.setForeground(new java.awt.Color(255, 255, 255));
    btnLogout.setText("Logout");
    btnLogout.addActionListener(new java.awt.event.ActionListener() {
        public void actionPerformed(java.awt.event.ActionEvent evt) {
            btnLogoutActionPerformed(evt);
        }
    });
}

```



```

lblMsg.setFont(new java.awt.Font("SansSerif", 3, 18)); // NOI18N
lblMsg.setForeground(new java.awt.Color(255, 255, 255));
lblMsg.setHorizontalAlignment(javax.swing.SwingConstants.CENTER);
lblMsg.setText("Welcome to the Projects ");

prjName.setFont(new java.awt.Font("SansSerif", 0, 18)); // NOI18N
prjName.setForeground(new java.awt.Color(255, 255, 255));
prjName.setText("Project Name      :");

lblPrjName.setFont(new java.awt.Font("SansSerif", 0, 18)); // NOI18N
lblPrjName.setForeground(new java.awt.Color(255, 255, 255));

prjDetail.setFont(new java.awt.Font("SansSerif", 0, 18)); // NOI18N
prjDetail.setForeground(new java.awt.Color(255, 255, 255));
prjDetail.setText("Project Detail    :");

lblPrjDetail.setFont(new java.awt.Font("SansSerif", 0, 18)); // NOI18N
lblPrjDetail.setForeground(new java.awt.Color(255, 255, 255));

prjDeadline.setFont(new java.awt.Font("SansSerif", 0, 18)); // NOI18N
prjDeadline.setForeground(new java.awt.Color(255, 255, 255));
prjDeadline.setText("Project Deadline :");

lblPrjDeadline.setFont(new java.awt.Font("SansSerif", 0, 18)); // NOI18N
lblPrjDeadline.setForeground(new java.awt.Color(255, 255, 255));

prjProgress.setFont(new java.awt.Font("SansSerif", 0, 18)); // NOI18N
prjProgress.setForeground(new java.awt.Color(255, 255, 255));
prjProgress.setText("Progress          :");

lblPrjProgress.setFont(new java.awt.Font("SansSerif", 0, 18)); // NOI18N
lblPrjProgress.setForeground(new java.awt.Color(255, 255, 255));

btnUpdate.setFont(new java.awt.Font("SansSerif", 0, 14)); // NOI18N
btnUpdate.setText("Update Progress ");
btnUpdate.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        btnUpdateActionPerformed(evt);
    }
});

updateInput.setFont(new java.awt.Font("SansSerif", 0, 18)); // NOI18N
updateInput.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        updateInputActionPerformed(evt);
    }
});

update.setText("Update");
update.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        updateActionPerformed(evt);
    }
});

```

```

jDesktopPane1.setLayer(btnProfile, javax.swing.JLayeredPane.DEFAULT_LAYER);
jDesktopPane1.setLayer(btnPrj, javax.swing.JLayeredPane.DEFAULT_LAYER);
jDesktopPane1.setLayer(btnLogout, javax.swing.JLayeredPane.DEFAULT_LAYER);
jDesktopPane1.setLayer(lblMsg, javax.swing.JLayeredPane.DEFAULT_LAYER);
jDesktopPane1.setLayer(prjName, javax.swing.JLayeredPane.DEFAULT_LAYER);
jDesktopPane1.setLayer(lblPrjName, javax.swing.JLayeredPane.DEFAULT_LAYER);
jDesktopPane1.setLayer(prjDetail, javax.swing.JLayeredPane.DEFAULT_LAYER);
jDesktopPane1.setLayer(lblPrjDetail, javax.swing.JLayeredPane.DEFAULT_LAYER);
jDesktopPane1.setLayer(prjDeadline, javax.swing.JLayeredPane.DEFAULT_LAYER);
jDesktopPane1.setLayer(lblPrjDeadline, javax.swing.JLayeredPane.DEFAULT_LAYER);
jDesktopPane1.setLayer(prjProgress, javax.swing.JLayeredPane.DEFAULT_LAYER);
jDesktopPane1.setLayer(lblPrjProgress, javax.swing.JLayeredPane.DEFAULT_LAYER);
jDesktopPane1.setLayer(btnUpdate, javax.swing.JLayeredPane.DEFAULT_LAYER);
jDesktopPane1.setLayer(updateInput, javax.swing.JLayeredPane.DEFAULT_LAYER);
jDesktopPane1.setLayer(update, javax.swing.JLayeredPane.DEFAULT_LAYER);

javax.swing.GroupLayout jDesktopPane1Layout = new javax.swing.GroupLayout(jDesktopPane1);
jDesktopPane1.setLayout(jDesktopPane1Layout);
jDesktopPane1Layout.setHorizontalGroup(
    jDesktopPane1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addGroup(jDesktopPane1Layout.createSequentialGroup()
            .addGap(149, 149, 149)
            .addComponent(lblMsg, javax.swing.GroupLayout.PREFERRED_SIZE, 281, javax.swing.GroupLayout.P
REFERRED_SIZE)
            .addContainerGap(javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE))
        .addGroup(jDesktopPane1Layout.createSequentialGroup()
            .addGap(36, 36, 36)
            .addGroup(jDesktopPane1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
                .addGroup(jDesktopPane1Layout.createSequentialGroup()
                    .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED, javax.swing.GroupLa
yout.DEFAULT_SIZE, Short.MAX_VALUE)
                    .addComponent(btnProfile, javax.swing.GroupLayout.PREFERRED_SIZE, 82, javax.swing.GroupL
ayout.PREFERRED_SIZE)
                    .addGap(60, 60, 60)
                    .addComponent(btnPrj, javax.swing.GroupLayout.PREFERRED_SIZE, 82, javax.swing.GroupLayou
t.PREFERRED_SIZE)
                    .addGap(60, 60, 60)
                    .addComponent(btnLogout, javax.swing.GroupLayout.PREFERRED_SIZE, 83, javax.swing.GroupL
ayout.PREFERRED_SIZE))
                .addGroup(jDesktopPane1Layout.createSequentialGroup()
                    .addGroup(jDesktopPane1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADI
NG)
                        .addGroup(jDesktopPane1Layout.createSequentialGroup()
                            .addComponent(prjDeadline, javax.swing.GroupLayout.PREFERRED_SIZE, 157, javax.swing.
GroupLayout.PREFERRED_SIZE)
                            .addGap(35, 35, 35)
                            .addComponent(lblPrjDeadline, javax.swing.GroupLayout.PREFERRED_SIZE, 338, javax.swi
ng.GroupLayout.PREFERRED_SIZE))
                        .addGroup(jDesktopPane1Layout.createSequentialGroup()
                            .addComponent(prjDetail, javax.swing.GroupLayout.PREFERRED_SIZE, 157, javax.swing.Gr
oupLayout.PREFERRED_SIZE)
                            .addGap(35, 35, 35)
                            .addComponent(lblPrjDetail, javax.swing.GroupLayout.PREFERRED_SIZE, 338, javax.swing.

```

```

 GroupLayout.PREFERRED_SIZE))
        .addGroup(jDesktopPane1Layout.createSequentialGroup())
        .addComponent(prjName, javax.swing.GroupLayout.PREFERRED_SIZE, 157, javax.swing.Gro
upLayout.PREFERRED_SIZE)
        .addGap(35, 35, 35)
        .addComponent(lblPrjName, javax.swing.GroupLayout.PREFERRED_SIZE, 338, javax.swing.
GroupLayout.PREFERRED_SIZE))
        .addGroup(jDesktopPane1Layout.createSequentialGroup())
        .addGroup(jDesktopPane1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LE
ADING, false)
            .addComponent(prjProgress, javax.swing.GroupLayout.DEFAULT_SIZE, 157, Short.MAX_
VALUE)
            .addComponent(btnUpdate, javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.Group
Layout.DEFAULT_SIZE, Short.MAX_VALUE))
        .addGap(35, 35, 35)
        .addGroup(jDesktopPane1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LE
ADING)
            .addComponent(lblPrjProgress, javax.swing.GroupLayout.PREFERRED_SIZE, 338, javax.s
wing.GroupLayout.PREFERRED_SIZE)
            .addGroup(jDesktopPane1Layout.createSequentialGroup()
                .addComponent(updateInput, javax.swing.GroupLayout.PREFERRED_SIZE, 103, javax.s
wing.GroupLayout.PREFERRED_SIZE)
                .addGap(18, 18, 18)
                .addComponent(update, javax.swing.GroupLayout.PREFERRED_SIZE, 84, javax.swing.G
roupLayout.PREFERRED_SIZE))))))
        .addGap(0, 34, Short.MAX_VALUE)))
        .addContainerGap()
    );
    jDesktopPane1Layout.setVerticalGroup(
        jDesktopPane1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addGroup(jDesktopPane1Layout.createSequentialGroup()
            .addGap(31, 31, 31)
            .addGroup(jDesktopPane1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
                .addComponent(btnProfile, javax.swing.GroupLayout.PREFERRED_SIZE, 57, javax.swing.GroupLayout.PREFERRED_SIZE)
                .addComponent(btnPrj, javax.swing.GroupLayout.PREFERRED_SIZE, 53, javax.swing.GroupLayout.PREFERRED_SIZE)
                .addComponent(btnLogout, javax.swing.GroupLayout.PREFERRED_SIZE, 57, javax.swing.GroupLayout.PREFERRED_SIZE))
            .addGap(26, 26, 26)
            .addComponent(lblMsg, javax.swing.GroupLayout.PREFERRED_SIZE, 27, javax.swing.GroupLayout.PREFERRED_SIZE)
            .addGap(39, 39, 39)
            .addGroup(jDesktopPane1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
                .addComponent(prjName, javax.swing.GroupLayout.PREFERRED_SIZE, 38, javax.swing.GroupLayout.PREFERRED_SIZE)
                .addComponent(lblPrjName, javax.swing.GroupLayout.PREFERRED_SIZE, 38, javax.swing.GroupLayout.PREFERRED_SIZE))
            .addGap(18, 18, 18)
            .addGroup(jDesktopPane1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
                .addComponent(prjDetail, javax.swing.GroupLayout.PREFERRED_SIZE, 38, javax.swing.GroupLayout.PREFERRED_SIZE)
                .addComponent(lblPrjDetail, javax.swing.GroupLayout.PREFERRED_SIZE, 38, javax.swing.GroupLayout.PREFERRED_SIZE))
        )
    );

```

```

        .addGap(18, 18, 18)
        .addGroup(jDesktopPane1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
            .addComponent(prjDeadline, javax.swing.GroupLayout.PREFERRED_SIZE, 38, javax.swing.GroupLayout.PREFERRED_SIZE)
            .addComponent(lblPrjDeadline, javax.swing.GroupLayout.PREFERRED_SIZE, 38, javax.swing.GroupLayout.PREFERRED_SIZE))
        .addGap(18, 18, 18)
        .addGroup(jDesktopPane1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
            .addComponent(prjProgress, javax.swing.GroupLayout.PREFERRED_SIZE, 38, javax.swing.GroupLayout.PREFERRED_SIZE)
            .addComponent(lblPrjProgress, javax.swing.GroupLayout.PREFERRED_SIZE, 38, javax.swing.GroupLayout.PREFERRED_SIZE))
        .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)
        .addGroup(jDesktopPane1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING, false)
            .addComponent(btnUpdate, javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
            .addComponent(updateInput)
            .addComponent(update, javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE))
        .addContainerGap(13, Short.MAX_VALUE))
    );

    javax.swing.GroupLayout layout = new javax.swing.GroupLayout(getContentPane());
    getContentPane().setLayout(layout);
    layout.setHorizontalGroup(
        layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
            .addComponent(jDesktopPane1)
    );
    layout.setVerticalGroup(
        layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
            .addComponent(jDesktopPane1)
    );

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

```

```

private void btnProfileActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
    Main.main(args);
    this.dispose();
}

```

```

private void btnLogoutActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
    String args[] = {""};
    ask.main(args);
    this.dispose();
}

```

```

private void updateInputActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
}

```



```

}

private void btnUpdateActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
    boolean flag = update.isVisible();
    update.setVisible(!flag);
    updateInput.setVisible(!flag);
}

private void updateActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
    if(updateInput.getText().equals(""))
    {
        JOptionPane.showMessageDialog(null, "Invalid Input" );
    }
    else
    {
        float i=0;
        boolean f;
        try{
            i = Float.parseFloat(updateInput.getText());
            f = true;
        }
        catch(Exception e)
        {
            f = false;
        }
        if(f)
        {
            try {
                String path = "jdbc:mysql://localhost:3306/emp";
                Connection con = DriverManager.getConnection(path,"root","root");
                Statement st = con.createStatement();
                String Query = "update emp.project set progress = " + i + " where prj_name = '" + lblPrjName.getText()
+ ""';
                st.executeUpdate(Query);
                MainPrj.main(this.args);
                this.dispose();

            } catch (SQLException ex) {
                Logger.getLogger(MainPrj.class.getName()).log(Level.SEVERE, null, ex);
            }
        }
        else
        {
            JOptionPane.showMessageDialog(null, "Progress must be Numeric !" );
        }
    }
}

private void btnPrjActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
    MainPrj.main(args);
    this.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(MainPrj.class.getName()).log(java.util.logging.Level.SEVERE, null, ex)
;
    } catch (InstantiationException ex) {
        java.util.logging.Logger.getLogger(MainPrj.class.getName()).log(java.util.logging.Level.SEVERE, null, ex)
;
    } catch (IllegalAccessException ex) {
        java.util.logging.Logger.getLogger(MainPrj.class.getName()).log(java.util.logging.Level.SEVERE, null, ex)
;
    } catch (javax.swing.UnsupportedLookAndFeelException ex) {
        java.util.logging.Logger.getLogger(MainPrj.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 MainPrj(args).setVisible(true);
        }
    });
}

// Variables declaration - do not modify
private javax.swing.JButton btnLogout;
private javax.swing.JButton btnPrj;
private javax.swing.JButton btnProfile;
private javax.swing.JButton btnUpdate;
private javax.swing.JDesktopPane jDesktopPane1;
private javax.swing.JLabel lblMsg;
private javax.swing.JLabel lblPrjDeadline;
private javax.swing.JLabel lblPrjDetail;
private javax.swing.JLabel lblPrjName;
private javax.swing.JLabel lblPrjProgress;
private javax.swing.JLabel prjDeadline;

```

```

private javax.swing.JLabel prjDetail;
private javax.swing.JLabel prjName;
private javax.swing.JLabel prjProgress;
private javax.swing.JButton update;
private javax.swing.JTextField updateInput;
// End of variables declaration
}

```

//Admin.java

```

package a4;

```

```

/**
 *
 * @author hp
 */

```

```

public class admin extends javax.swing.JFrame {

```

```

    /**
     * Creates new form admin
     */

```

```

    public admin() {
        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() {

```

```

        jDesktopPane1 = new javax.swing.JDesktopPane();
        btnLogout = new javax.swing.JButton();
        jLabel1 = new javax.swing.JLabel();
        btnCreate = new javax.swing.JButton();
        btnRemove = new javax.swing.JButton();
        btnDelete = new javax.swing.JButton();
        btnUpdate = new javax.swing.JButton();

```

```

        setDefaultCloseOperation(javax.swing.WindowConstants.EXIT_ON_CLOSE);

```

```

        btnLogout.setBackground(new java.awt.Color(102, 102, 102));
        btnLogout.setFont(new java.awt.Font("SansSerif", 1, 12)); // NOI18N
        btnLogout.setForeground(new java.awt.Color(255, 255, 255));
        btnLogout.setText("Logout");
        btnLogout.addActionListener(new java.awt.event.ActionListener() {
            public void actionPerformed(java.awt.event.ActionEvent evt) {
                btnLogoutActionPerformed(evt);
            }
        });

```

$$\} \\ \}) ;$$

```
jLabel1.setFont(new java.awt.Font("Impact", 0, 18)); // NOI18N
jLabel1.setForeground(new java.awt.Color(255, 255, 255));
jLabel1.setHorizontalAlignment(javax.swing.SwingConstants.CENTER);
jLabel1.setText("Welcome to Employee Manager Section");
```

```
btnCreate.setFont(new java.awt.Font("SansSerif", 0, 18)); // NOI18N
btnCreate.setText("Create Project");
btnCreate.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        btnCreateActionPerformed(evt);
    }
});
```

```
btnRemove.setFont(new java.awt.Font("SansSerif", 0, 18)); // NOI18N
btnRemove.setText("Remove an employee");
btnRemove.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        btnRemoveActionPerformed(evt);
    }
});
```

```
btnDelete.setFont(new java.awt.Font("SansSerif", 0, 18)); // NOI18N
btnDelete.setText("Delete Project");
btnDelete.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        btnDeleteActionPerformed(evt);
    }
});
```

```
btnUpdate.setFont(new java.awt.Font("SansSerif", 0, 18)); // NOI18N
btnUpdate.setText("Update Deadline");
btnUpdate.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        btnUpdateActionPerformed(evt);
    }
});
```

```
jDesktopPanel1.setLayer(btnLogout, javax.swing.JLayeredPane.DEFAULT_LAYER);
jDesktopPanel1.setLayer(jLabel1, javax.swing.JLayeredPane.DEFAULT_LAYER);
jDesktopPanel1.setLayer(btnCreate, javax.swing.JLayeredPane.DEFAULT_LAYER);
jDesktopPanel1.setLayer(btnRemove, javax.swing.JLayeredPane.DEFAULT_LAYER);
jDesktopPanel1.setLayer(btnDelete, javax.swing.JLayeredPane.DEFAULT_LAYER);
jDesktopPanel1.setLayer(btnUpdate, javax.swing.JLayeredPane.DEFAULT_LAYER);
```

```
javax.swing.GroupLayout jDesktopPane1Layout = new javax.swing.GroupLayout(jDesktopPane1);  
jDesktopPane1.setLayout(jDesktopPane1Layout);  
jDesktopPane1Layout.setHorizontalGroup(  
    jDesktopPane1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)  
        .addGroup(jDesktopPane1Layout.createSequentialGroup()  
            .add(jDesktopPane1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)  
                .add(jDesktopPane1Layout.createSequentialGroup().addGap(60).add(jLabel7))  
                .add(jDesktopPane1Layout.createSequentialGroup().addContainerGap().add(jLabel8))  
                .add(jDesktopPane1Layout.createSequentialGroup().addContainerGap().add(jLabel9))
```

```

        .addContainerGap()
        .addComponent(btnLogout))
    .addGroup(jDesktopPane1Layout.createSequentialGroup())
    .addGap(134, 134, 134)
    .addGroup(jDesktopPane1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING, false)
        .addComponent(jLabel1, javax.swing.GroupLayout.DEFAULT_SIZE, 341, Short.MAX_VALUE)
        .addComponent(btnCreate, javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
        .addComponent(btnRemove, javax.swing.GroupLayout.Alignment.TRAILING, javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
        .addComponent(btnDelete, javax.swing.GroupLayout.Alignment.TRAILING, javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
        .addComponent(btnUpdate, javax.swing.GroupLayout.Alignment.TRAILING, javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE))))
    .addContainerGap(135, Short.MAX_VALUE))
);
jDesktopPane1Layout.setVerticalGroup(
    jDesktopPane1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
    .addGroup(jDesktopPane1Layout.createSequentialGroup())
    .addContainerGap()
    .addComponent(btnLogout)
    .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)
    .addComponent(jLabel1, javax.swing.GroupLayout.PREFERRED_SIZE, 27, javax.swing.GroupLayout.PREFERRED_SIZE)
    .addGap(51, 51, 51)
    .addComponent(btnCreate, javax.swing.GroupLayout.PREFERRED_SIZE, 40, javax.swing.GroupLayout.PREFERRED_SIZE)
    .addGap(32, 32, 32)
    .addComponent(btnRemove, javax.swing.GroupLayout.PREFERRED_SIZE, 40, javax.swing.GroupLayout.PREFERRED_SIZE)
    .addGap(32, 32, 32)
    .addComponent(btnDelete, javax.swing.GroupLayout.PREFERRED_SIZE, 40, javax.swing.GroupLayout.PREFERRED_SIZE)
    .addGap(32, 32, 32)
    .addComponent(btnUpdate, javax.swing.GroupLayout.PREFERRED_SIZE, 40, javax.swing.GroupLayout.PREFERRED_SIZE)
    .addContainerGap(60, Short.MAX_VALUE))
);

javax.swing.GroupLayout layout = new javax.swing.GroupLayout(getContentPane());
getContentPane().setLayout(layout);
layout.setHorizontalGroup(
    layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
    .addComponent(jDesktopPane1)
);
layout.setVerticalGroup(
    layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
    .addComponent(jDesktopPane1)
);

pack();
setLocationRelativeTo(null);

```



```
// </editor-fold>
```

```
private void btnLogoutActionPerformed(java.awt.event.ActionEvent evt) {  
    // TODO add your handling code here:  
    String args[] = {""};  
    ask.main(args);  
    this.dispose();  
}
```

```
private void btnCreateActionPerformed(java.awt.event.ActionEvent evt) {  
    // TODO add your handling code here:  
    String args[]={""};  
    PrjCreate.main(args);  
    this.dispose();  
  
}
```

```
private void btnRemoveActionPerformed(java.awt.event.ActionEvent evt) {  
    // TODO add your handling code here:  
    String args[]={""};  
    RemoveEmp.main(args);  
    this.dispose();  
  
}
```

```
private void btnDeleteActionPerformed(java.awt.event.ActionEvent evt) {  
    // TODO add your handling code here:  
    String args[]={""};  
    DeletePrj.main(args);  
    this.dispose();  
}
```

```
private void btnUpdateActionPerformed(java.awt.event.ActionEvent evt) {  
    // TODO add your handling code here:  
    String args[]={""};  
    UpdateDeadline.main(args);  
    this.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(admin.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);
} catch (InstantiationException ex) {
    java.util.logging.Logger.getLogger(admin.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);
} catch (IllegalAccessException ex) {
    java.util.logging.Logger.getLogger(admin.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);
} catch (javax.swing.UnsupportedLookAndFeelException ex) {
    java.util.logging.Logger.getLogger(admin.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 admin().setVisible(true);
    }
});
}

// Variables declaration - do not modify
private javax.swing.JButton btnCreate;
private javax.swing.JButton btnDelete;
private javax.swing.JButton btnLogout;
private javax.swing.JButton btnRemove;
private javax.swing.JButton btnUpdate;
private javax.swing.JDesktopPane jDesktopPane1;
private javax.swing.JLabel jLabel1;
// End of variables declaration
}

```

// PrjCreate.java

```
package a4;
```

```
import java.sql.Connection;
import java.sql.DriverManager;
import java.sql.Statement;
import javax.swing.JOptionPane;
```

```
/**
 *
 * @author hp
 */
```

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

```
String args[];
```

```

/**
 * Creates new form PrjCreate
 */
public PrjCreate() {
    initComponents();
}

public PrjCreate(String args[])
{
    initComponents();
    this.args = args;
}

/**
 * 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() {

    jDesktopPane1 = new javax.swing.JDesktopPane();
    jLabel1 = new javax.swing.JLabel();
    jLabel2 = new javax.swing.JLabel();
    jLabel3 = new javax.swing.JLabel();
    jLabel4 = new javax.swing.JLabel();
    empName = new javax.swing.JTextField();
    prjName = new javax.swing.JTextField();
    prjDeadline = new javax.swing.JTextField();
    jScrollPane1 = new javax.swing.JScrollPane();
    prjDetail = new javax.swing.JTextArea();
    jLabel5 = new javax.swing.JLabel();
    btnCreate = new javax.swing.JButton();
    btnBack = new javax.swing.JButton();

    setDefaultCloseOperation(javax.swing.WindowConstants.EXIT_ON_CLOSE);

    jLabel1.setFont(new java.awt.Font("SansSerif", 0, 18)); // NOI18N
    jLabel1.setForeground(new java.awt.Color(255, 255, 255));
    jLabel1.setText("Employee Name : ");

    jLabel2.setFont(new java.awt.Font("SansSerif", 0, 18)); // NOI18N
    jLabel2.setForeground(new java.awt.Color(255, 255, 255));
    jLabel2.setText("Project Deadline : ");

    jLabel3.setFont(new java.awt.Font("SansSerif", 0, 18)); // NOI18N
    jLabel3.setForeground(new java.awt.Color(255, 255, 255));
    jLabel3.setText("Project Name    : ");

    jLabel4.setFont(new java.awt.Font("SansSerif", 0, 18)); // NOI18N
    jLabel4.setForeground(new java.awt.Color(255, 255, 255));
    jLabel4.setText("Project Detail    : ");

```

```

empName.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        empNameActionPerformed(evt);
    }
});

prjName.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        prjNameActionPerformed(evt);
    }
});

prjDeadline.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        prjDeadlineActionPerformed(evt);
    }
});

prjDetail.setColumns(20);
prjDetail.setRows(5);
jScrollPane1.setViewportView(prjDetail);

jLabel5.setFont(new java.awt.Font("SansSerif", 0, 18)); // NOI18N
jLabel5.setForeground(new java.awt.Color(255, 255, 255));
jLabel5.setHorizontalAlignment(javax.swing.SwingConstants.CENTER);
jLabel5.setText("Project Creation ....");

btnCreate.setText("Create");
btnCreate.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        btnCreateActionPerformed(evt);
    }
});

btnBack.setBackground(new java.awt.Color(102, 102, 102));
btnBack.setFont(new java.awt.Font("SansSerif", 1, 12)); // NOI18N
btnBack.setForeground(new java.awt.Color(255, 255, 255));
btnBack.setText("Back");
btnBack.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        btnBackActionPerformed(evt);
    }
});

jDesktopPane1.setLayer(jLabel1, javax.swing.JLayeredPane.DEFAULT_LAYER);
jDesktopPane1.setLayer(jLabel2, javax.swing.JLayeredPane.DEFAULT_LAYER);
jDesktopPane1.setLayer(jLabel3, javax.swing.JLayeredPane.DEFAULT_LAYER);
jDesktopPane1.setLayer(jLabel4, javax.swing.JLayeredPane.DEFAULT_LAYER);
jDesktopPane1.setLayer(empName, javax.swing.JLayeredPane.DEFAULT_LAYER);
jDesktopPane1.setLayer(prjName, javax.swing.JLayeredPane.DEFAULT_LAYER);
jDesktopPane1.setLayer(prjDeadline, javax.swing.JLayeredPane.DEFAULT_LAYER);
jDesktopPane1.setLayer(jScrollPane1, javax.swing.JLayeredPane.DEFAULT_LAYER);
jDesktopPane1.setLayer(jLabel5, javax.swing.JLayeredPane.DEFAULT_LAYER);

```

```

jDesktopPane1.setLayer(btnCreate, javax.swing.JLayeredPane.DEFAULT_LAYER);
jDesktopPane1.setLayer(btnBack, javax.swing.JLayeredPane.DEFAULT_LAYER);

javax.swing.GroupLayout jDesktopPane1Layout = new javax.swing.GroupLayout(jDesktopPane1);
jDesktopPane1.setLayout(jDesktopPane1Layout);
jDesktopPane1Layout.setHorizontalGroup(
    jDesktopPane1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addGroup(jDesktopPane1Layout.createSequentialGroup()
            .addGroup(jDesktopPane1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
                .addGroup(jDesktopPane1Layout.createSequentialGroup()
                    .addGroup(jDesktopPane1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
                        .addGroup(jDesktopPane1Layout.createSequentialGroup()
                            .addGap(83, 83, 83)
                            .addGroup(jDesktopPane1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
                                .addComponent(jLabel1, javax.swing.GroupLayout.PREFERRED_SIZE, 169, javax.swing.GroupLayout.PREFERRED_SIZE)
                                .addComponent(jLabel3, javax.swing.GroupLayout.PREFERRED_SIZE, 169, javax.swing.GroupLayout.PREFERRED_SIZE)
                                .addComponent(jLabel2, javax.swing.GroupLayout.PREFERRED_SIZE, 169, javax.swing.GroupLayout.PREFERRED_SIZE)
                                .addComponent(jLabel4, javax.swing.GroupLayout.PREFERRED_SIZE, 169, javax.swing.GroupLayout.PREFERRED_SIZE))
                            .addGap(27, 27, 27)
                            .addGroup(jDesktopPane1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
                                .addComponent(jScrollPane1)
                                .addComponent(prjDeadline, javax.swing.GroupLayout.DEFAULT_SIZE, 217, Short.MAX_VALUE)
                                .addComponent(prjName, javax.swing.GroupLayout.DEFAULT_SIZE, 217, Short.MAX_VALUE)
                                .addComponent(empName)))
                        .addGroup(jDesktopPane1Layout.createSequentialGroup()
                            .addContainerGap()
                            .addComponent(btnBack)
                            .addGap(68, 68, 68)
                            .addComponent(jLabel5, javax.swing.GroupLayout.PREFERRED_SIZE, 282, javax.swing.GroupLayout.PREFERRED_SIZE))
                        .addGroup(jDesktopPane1Layout.createSequentialGroup()
                            .addGap(203, 203, 203)
                            .addComponent(btnCreate, javax.swing.GroupLayout.PREFERRED_SIZE, 176, javax.swing.GroupLayout.PREFERRED_SIZE))
                            .addContainerGap(114, Short.MAX_VALUE))
                    .addGap(18, 18, 18)
                    .addGroup(jDesktopPane1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
                        .addComponent(jLabel5, javax.swing.GroupLayout.DEFAULT_SIZE, 33, Short.MAX_VALUE)
                        .addGroup(jDesktopPane1Layout.createSequentialGroup()
                            .addComponent(btnBack)
                            .addGap(0, 8, Short.MAX_VALUE))
                        .addGap(18, 18, 18)
                        .addGroup(jDesktopPane1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING, false)

```

```

        .addComponent(empName)
        .addComponent(jLabel1, javax.swing.GroupLayout.DEFAULT_SIZE, 33, Short.MAX_VALUE))
    .addGap(18, 18, 18)
    .addGroup(jDesktopPane1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING, false)
        .addComponent(jLabel3, javax.swing.GroupLayout.DEFAULT_SIZE, 33, Short.MAX_VALUE)
        .addComponent(prjName))
    .addGap(18, 18, 18)
    .addGroup(jDesktopPane1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addGroup(jDesktopPane1Layout.createSequentialGroup()
            .addComponent(prjDeadline, javax.swing.GroupLayout.DEFAULT_SIZE, 33, Short.MAX_VALUE)

            .addGap(3, 3, 3))
        .addComponent(jLabel2, javax.swing.GroupLayout.PREFERRED_SIZE, 33, javax.swing.GroupLayout.PREFERRED_SIZE))
    .addGap(23, 23, 23)
    .addGroup(jDesktopPane1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addComponent(jLabel4, javax.swing.GroupLayout.PREFERRED_SIZE, 33, javax.swing.GroupLayout.PREFERRED_SIZE)
        .addComponent(jScrollPane1, javax.swing.GroupLayout.PREFERRED_SIZE, 79, javax.swing.GroupLayout.PREFERRED_SIZE))
    .addGap(38, 38, 38)
    .addComponent(btnCreate, javax.swing.GroupLayout.PREFERRED_SIZE, 47, javax.swing.GroupLayout.PREFERRED_SIZE)
    .addGap(47, 47, 47))
    );

    javax.swing.GroupLayout layout = new javax.swing.GroupLayout(getContentPane());
    getContentPane().setLayout(layout);
    layout.setHorizontalGroup(
        layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
            .addComponent(jDesktopPane1)
    );
    layout.setVerticalGroup(
        layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
            .addComponent(jDesktopPane1)
    );

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

private void empNameActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
}

private void prjNameActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
}

private void prjDeadlineActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
}

```



```

private void btnCreateActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
    if(prjName.getText().equals("") || prjDetail.getText().equals("") || prjDeadline.getText().equals("") || empName.
getText().equals(""))
    {
        JOptionPane.showMessageDialog(null, "All Feilds are Required !" );
    }
    else
    {
        try{

            String path = "jdbc:mysql://localhost:3306/emp";
            Connection con = DriverManager.getConnection(path,"root","root");
            Statement st = con.createStatement();
            String Query = "insert into emp.project (prj_name,prj_detail,progress,deadline) values('" + prjName.getT
ext() + "','" + prjDetail.getText() + "','" + 0 + "','" + prjDeadline.getText() + "');" ;
            st.executeUpdate(Query);
            String a[] = {""};

            Query = "update emp.employee set prj_nm = '" + prjName.getText() + "' where name = '" + empName.get
Text() + "'";
            st.executeUpdate(Query);
            admin.main(a);
            this.dispose();

        }
        catch(Exception e)
        {
            JOptionPane.showMessageDialog(null, e.getMessage() );
        }
    }

}

private void btnBackActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
    String args[] = {""};
    admin.main(args);
    this.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(PrjCreate.class.getName()).log(java.util.logging.Level.SEVERE, null, ex
);
} catch (InstantiationException ex) {
    java.util.logging.Logger.getLogger(PrjCreate.class.getName()).log(java.util.logging.Level.SEVERE, null, ex
);
} catch (IllegalAccessException ex) {
    java.util.logging.Logger.getLogger(PrjCreate.class.getName()).log(java.util.logging.Level.SEVERE, null, ex
);
} catch (javax.swing.UnsupportedLookAndFeelException ex) {
    java.util.logging.Logger.getLogger(PrjCreate.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 PrjCreate().setVisible(true);
    }
});
}

```

```

// Variables declaration - do not modify
private javax.swing.JButton btnBack;
private javax.swing.JButton btnCreate;
private javax.swing.JTextField empName;
private javax.swing.JDesktopPane jDesktopPane1;
private javax.swing.JLabel jLabel1;
private javax.swing.JLabel jLabel2;
private javax.swing.JLabel jLabel3;
private javax.swing.JLabel jLabel4;
private javax.swing.JLabel jLabel5;
private javax.swing.JScrollPane jScrollPane1;
private javax.swing.JTextField prjDeadline;
private javax.swing.JTextArea prjDetail;
private javax.swing.JTextField prjName;
// End of variables declaration
}

```

// DeletePrj.java

```
package a4;
```

```
import java.sql.*;
```

```
import java.util.logging.Level;
import java.util.logging.Logger;
import javax.swing.JOptionPane;
```

```
/**
 *
 * @author hp
 */
public class DeletePrj extends javax.swing.JFrame {

    /**
     * Creates new form DeletePrj
     */
    public DeletePrj() {
        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() {

        jDesktopPane1 = new javax.swing.JDesktopPane();
        btnBack = new javax.swing.JButton();
        prjName = new javax.swing.JTextField();
        jLabel5 = new javax.swing.JLabel();
        jLabel1 = new javax.swing.JLabel();
        btnDelete = new javax.swing.JButton();
        jLabel2 = new javax.swing.JLabel();
        empName = new javax.swing.JTextField();

        setDefaultCloseOperation(javax.swing.WindowConstants.EXIT_ON_CLOSE);

        btnBack.setBackground(new java.awt.Color(102, 102, 102));
        btnBack.setFont(new java.awt.Font("SansSerif", 1, 12)); // NOI18N
        btnBack.setForeground(new java.awt.Color(255, 255, 255));
        btnBack.setText("Back");
        btnBack.addActionListener(new java.awt.event.ActionListener() {
            public void actionPerformed(java.awt.event.ActionEvent evt) {
                btnBackActionPerformed(evt);
            }
        });

        prjName.addActionListener(new java.awt.event.ActionListener() {
            public void actionPerformed(java.awt.event.ActionEvent evt) {
                prjNameActionPerformed(evt);
            }
        });

        jLabel5.setFont(new java.awt.Font("Impact", 0, 24)); // NOI18N
```

```

jLabel5.setForeground(new java.awt.Color(255, 255, 255));
jLabel5.setHorizontalAlignment(javax.swing.SwingConstants.CENTER);
jLabel5.setText("Delete a Project");

jLabel1.setFont(new java.awt.Font("SansSerif", 0, 18)); // NOI18N
jLabel1.setForeground(new java.awt.Color(255, 255, 255));
jLabel1.setText("Project Name : ");

btnDelete.setText("Delete");
btnDelete.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        btnDeleteActionPerformed(evt);
    }
});

jLabel2.setFont(new java.awt.Font("SansSerif", 0, 18)); // NOI18N
jLabel2.setForeground(new java.awt.Color(255, 255, 255));
jLabel2.setText("Employee Name : ");

empName.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        empNameActionPerformed(evt);
    }
});

jDesktopPane1.setLayer(btnBack, javax.swing.JLayeredPane.DEFAULT_LAYER);
jDesktopPane1.setLayer(prjName, javax.swing.JLayeredPane.DEFAULT_LAYER);
jDesktopPane1.setLayer(jLabel5, javax.swing.JLayeredPane.DEFAULT_LAYER);
jDesktopPane1.setLayer(jLabel1, javax.swing.JLayeredPane.DEFAULT_LAYER);
jDesktopPane1.setLayer(btnDelete, javax.swing.JLayeredPane.DEFAULT_LAYER);
jDesktopPane1.setLayer(jLabel2, javax.swing.JLayeredPane.DEFAULT_LAYER);
jDesktopPane1.setLayer(empName, javax.swing.JLayeredPane.DEFAULT_LAYER);

javax.swing.GroupLayout jDesktopPane1Layout = new javax.swing.GroupLayout(jDesktopPane1);
jDesktopPane1.setLayout(jDesktopPane1Layout);
jDesktopPane1Layout.setHorizontalGroup(
    jDesktopPane1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addGroup(jDesktopPane1Layout.createSequentialGroup()
            .addGap(44, 44, 44)
            .addGroup(jDesktopPane1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
                .addGroup(jDesktopPane1Layout.createSequentialGroup()
                    .addGap(112, 112, 112)
                    .addComponent(jLabel5, javax.swing.GroupLayout.PREFERRED_SIZE, 282, javax.swing.GroupLayout.PREFERRED_SIZE)
                    .addGap(172, 172, 172))
                .addGroup(jDesktopPane1Layout.createSequentialGroup()
                    .addGroup(jDesktopPane1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
                        .addGroup(jDesktopPane1Layout.createSequentialGroup()
                            .addComponent(jLabel2, javax.swing.GroupLayout.PREFERRED_SIZE, 162, javax.swing.GroupLayout.PREFERRED_SIZE)
                            .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED, javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
                            .addComponent(empName, javax.swing.GroupLayout.PREFERRED_SIZE, 334, javax.swing.G

```

```

roupLayout.PREFERRED_SIZE))
        .addGroup(jDesktopPane1Layout.createSequentialGroup())
        .addComponent(jLabel1, javax.swing.GroupLayout.PREFERRED_SIZE, 162, javax.swing.Gro
upLayout.PREFERRED_SIZE)
        .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED, javax.swing.Gro
upLayout.DEFAULT_SIZE, Short.MAX_VALUE)
        .addComponent(prjName, javax.swing.GroupLayout.PREFERRED_SIZE, 334, javax.swing.Gro
upLayout.PREFERRED_SIZE)))
        .addContainerGap()))
    .addGroup(jDesktopPane1Layout.createSequentialGroup())
    .addGroup(jDesktopPane1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addGroup(jDesktopPane1Layout.createSequentialGroup())
            .addGap(25, 25, 25)
            .addComponent(btnBack))
        .addGroup(jDesktopPane1Layout.createSequentialGroup())
            .addGap(218, 218, 218)
            .addComponent(btnDelete, javax.swing.GroupLayout.PREFERRED_SIZE, 128, javax.swing.GroupL
ayout.PREFERRED_SIZE)))
        .addContainerGap(javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE))
);
jDesktopPane1Layout.setVerticalGroup(
jDesktopPane1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
    .addGroup(jDesktopPane1Layout.createSequentialGroup())
        .addGap(26, 26, 26)
        .addComponent(btnBack)
        .addGap(18, 18, 18)
        .addComponent(jLabel5, javax.swing.GroupLayout.DEFAULT_SIZE, 33, Short.MAX_VALUE)
        .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)
        .addGroup(jDesktopPane1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
            .addComponent(jLabel1, javax.swing.GroupLayout.PREFERRED_SIZE, 53, javax.swing.GroupLayout
.PREFERRED_SIZE)
            .addComponent(prjName, javax.swing.GroupLayout.PREFERRED_SIZE, 33, javax.swing.GroupLayo
ut.PREFERRED_SIZE))
        .addGap(18, 18, 18)
        .addGroup(jDesktopPane1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
            .addComponent(jLabel2, javax.swing.GroupLayout.PREFERRED_SIZE, 53, javax.swing.GroupLayout
.PREFERRED_SIZE)
            .addComponent(empName, javax.swing.GroupLayout.PREFERRED_SIZE, 33, javax.swing.GroupLayout
out.PREFERRED_SIZE))
        .addGap(38, 38, 38)
        .addComponent(btnDelete, javax.swing.GroupLayout.PREFERRED_SIZE, 45, javax.swing.GroupLayout.
PREFERRED_SIZE)
        .addGap(121, 121, 121))
);

javax.swing.GroupLayout layout = new javax.swing.GroupLayout(getContentPane());
getContentPane().setLayout(layout);
layout.setHorizontalGroup(
    layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addComponent(jDesktopPane1)
);
layout.setVerticalGroup(
    layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addComponent(jDesktopPane1)

```

```

);

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

private void btnBackActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
    String args[] = {""};
    admin.main(args);
    this.dispose();
}

private void prjNameActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
}

private void btnDeleteActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
    if(prjName.getText().equals(""))
    {
        JOptionPane.showMessageDialog(null, "\tInvalid Input !" );
    }
    else
    {
        try {
            String path = "jdbc:mysql://localhost:3306/emp";
            Connection con = DriverManager.getConnection(path,"root","root");
            Statement st = con.createStatement();
            String Query = "delete from emp.project where prj_name = '" + prjName.getText() + "'" ;
            st.executeUpdate(Query);
            Query = "update emp.employee set prj_nm = NULL where name = '" + empName.getText() + "'";
            st.executeUpdate(Query);

        } catch (SQLException ex) {
            JOptionPane.showMessageDialog(null, ex);
        }

        String arg[] = {""};
        admin.main(arg);
        this.dispose();
    }
}

private void empNameActionPerformed(java.awt.event.ActionEvent evt) {
    // 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(DeletePrj.class.getName()).log(java.util.logging.Level.SEVERE, null, ex
);
} catch (InstantiationException ex) {
    java.util.logging.Logger.getLogger(DeletePrj.class.getName()).log(java.util.logging.Level.SEVERE, null, ex
);
} catch (IllegalAccessException ex) {
    java.util.logging.Logger.getLogger(DeletePrj.class.getName()).log(java.util.logging.Level.SEVERE, null, ex
);
} catch (javax.swing.UnsupportedLookAndFeelException ex) {
    java.util.logging.Logger.getLogger(DeletePrj.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 DeletePrj().setVisible(true);
    }
});
}

// Variables declaration - do not modify
private javax.swing.JButton btnBack;
private javax.swing.JButton btnDelete;
private javax.swing.JTextField empName;
private javax.swing.JDesktopPane jDesktopPane1;
private javax.swing.JLabel jLabel1;
private javax.swing.JLabel jLabel2;
private javax.swing.JLabel jLabel5;
private javax.swing.JTextField prjName;
// End of variables declaration
}

```

// RemovePrj.java

```
package a4;
```

```
import java.sql.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;
import javax.swing.JOptionPane;
```

```
/**
 *
 * @author hp
 */
public class RemoveEmp extends javax.swing.JFrame {

    /**
     * Creates new form RemoveEmp
     */
    public RemoveEmp() {
        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() {

        jDesktopPane1 = new javax.swing.JDesktopPane();
        btnBack = new javax.swing.JButton();
        jLabel1 = new javax.swing.JLabel();
        empName = new javax.swing.JTextField();
        jLabel5 = new javax.swing.JLabel();
        btnRemove = new javax.swing.JButton();

        setDefaultCloseOperation(javax.swing.WindowConstants.EXIT_ON_CLOSE);

        btnBack.setBackground(new java.awt.Color(102, 102, 102));
        btnBack.setFont(new java.awt.Font("SansSerif", 1, 12)); // NOI18N
        btnBack.setForeground(new java.awt.Color(255, 255, 255));
        btnBack.setText("Back");
        btnBack.addActionListener(new java.awt.event.ActionListener() {
            public void actionPerformed(java.awt.event.ActionEvent evt) {
                btnBackActionPerformed(evt);
            }
        });

        jLabel1.setFont(new java.awt.Font("SansSerif", 0, 18)); // NOI18N
        jLabel1.setForeground(new java.awt.Color(255, 255, 255));
        jLabel1.setText("Employee Name : ");

        empName.addActionListener(new java.awt.event.ActionListener() {
```

```

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

    jLabel5.setFont(new java.awt.Font("Impact", 0, 24)); // NOI18N
    jLabel5.setForeground(new java.awt.Color(255, 255, 255));
    jLabel5.setHorizontalAlignment(javax.swing.SwingConstants.CENTER);
    jLabel5.setText("Remove an Employee");

    btnRemove.setText("Remove");
    btnRemove.addActionListener(new java.awt.event.ActionListener() {
        public void actionPerformed(java.awt.event.ActionEvent evt) {
            btnRemoveActionPerformed(evt);
        }
    });

    jDesktopPane1.setLayer(btnBack, javax.swing.JLayeredPane.DEFAULT_LAYER);
    jDesktopPane1.setLayer(jLabel1, javax.swing.JLayeredPane.DEFAULT_LAYER);
    jDesktopPane1.setLayer(empName, javax.swing.JLayeredPane.DEFAULT_LAYER);
    jDesktopPane1.setLayer(jLabel5, javax.swing.JLayeredPane.DEFAULT_LAYER);
    jDesktopPane1.setLayer(btnRemove, javax.swing.JLayeredPane.DEFAULT_LAYER);

    javax.swing.GroupLayout jDesktopPane1Layout = new javax.swing.GroupLayout(jDesktopPane1);
    jDesktopPane1.setLayout(jDesktopPane1Layout);
    jDesktopPane1Layout.setHorizontalGroup(
        jDesktopPane1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
            .addGroup(jDesktopPane1Layout.createSequentialGroup()
                .addGap(47, 47, 47)
                .addComponent(jLabel1, javax.swing.GroupLayout.PREFERRED_SIZE, 162, javax.swing.GroupLayout.PREFERRED_SIZE)
                .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED, 27, Short.MAX_VALUE)
                .addComponent(empName, javax.swing.GroupLayout.PREFERRED_SIZE, 334, javax.swing.GroupLayout.PREFERRED_SIZE)
                .addGap(40, 40, 40))
            .addGroup(jDesktopPane1Layout.createSequentialGroup()
                .addGroup(jDesktopPane1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
                    .addGroup(jDesktopPane1Layout.createSequentialGroup()
                        .addGap(18, 18, 18)
                        .addComponent(btnBack))
                    .addGroup(jDesktopPane1Layout.createSequentialGroup()
                        .addGap(225, 225, 225)
                        .addComponent(btnRemove, javax.swing.GroupLayout.PREFERRED_SIZE, 128, javax.swing.GroupLayout.PREFERRED_SIZE)))
                .addGroup(jDesktopPane1Layout.createSequentialGroup()
                    .addGap(159, 159, 159)
                    .addComponent(jLabel5, javax.swing.GroupLayout.PREFERRED_SIZE, 282, javax.swing.GroupLayout.PREFERRED_SIZE)))
            .addContainerGap(javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE))
    );
    jDesktopPane1Layout.setVerticalGroup(
        jDesktopPane1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
            .addGroup(jDesktopPane1Layout.createSequentialGroup()
                .addContainerGap()

```

```

        .addComponent(btnBack)
        .addGap(11, 11, 11)
        .addComponent(jLabel5, javax.swing.GroupLayout.DEFAULT_SIZE, 33, Short.MAX_VALUE)
        .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)
        .addGroup(jDesktopPane1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
            .addComponent(jLabel1, javax.swing.GroupLayout.PREFERRED_SIZE, 53, javax.swing.GroupLayout.PREFERRED_SIZE)
            .addComponent(empName, javax.swing.GroupLayout.PREFERRED_SIZE, 33, javax.swing.GroupLayout.PREFERRED_SIZE))
        .addGap(44, 44, 44)
        .addComponent(btnRemove, javax.swing.GroupLayout.PREFERRED_SIZE, 45, javax.swing.GroupLayout.PREFERRED_SIZE)
        .addContainerGap(208, Short.MAX_VALUE))
    );

```

```

    javax.swing.GroupLayout layout = new javax.swing.GroupLayout(getContentPane());
    getContentPane().setLayout(layout);
    layout.setHorizontalGroup(
        layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
            .addComponent(jDesktopPane1)
    );
    layout.setVerticalGroup(
        layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
            .addComponent(jDesktopPane1)
    );

```

```

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

```

```

private void btnBackActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
    String args[] = {""};
    admin.main(args);
    this.dispose();
}

```

```

private void empNameActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
}

```

```

private void btnRemoveActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
    if(empName.getText().equals(""))
    {
        JOptionPane.showMessageDialog(null, "\tInvalid Input !" );
    }
    else
    {
        try {
            String path = "jdbc:mysql://localhost:3306/emp";
            Connection con = DriverManager.getConnection(path,"root","root");
            Statement st = con.createStatement();
            String Query = "select * from emp.employee where name = '" + empName.getText() + "'";

```

```

ResultSet rs = st.executeQuery(Query);
boolean flag = rs.next();
if(flag)
{
    String prj = rs.getString("prj_nm");
    Query = "delete from emp.employee where name = '" + empName.getText() + "'";
    st.executeUpdate(Query);
    Query = "select * from emp.project where prj_name = '" + prj + "'";
    rs = st.executeQuery(Query);
    if(rs.next())
    {
        Query = "delete from emp.project where prj_name = '" + prj + "'";
        st.executeUpdate(Query);
    }
    String arg[] = {" "};
    admin.main(arg);
    this.dispose();
}
else
{
    JOptionPane.showMessageDialog(null, "\tInvalid Input\n\n\tEmployee with such name doesn't exist !" )
;
}

} catch (SQLException ex) {
    Logger.getLogger(RemoveEmp.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(RemoveEmp.class.getName()).log(java.util.logging.Level.SEVERE, null
, ex);

```

```

    } catch (InstantiationException ex) {
        java.util.logging.Logger.getLogger(RemoveEmp.class.getName()).log(java.util.logging.Level.SEVERE, null
, ex);
    } catch (IllegalAccessException ex) {
        java.util.logging.Logger.getLogger(RemoveEmp.class.getName()).log(java.util.logging.Level.SEVERE, null
, ex);
    } catch (javax.swing.UnsupportedLookAndFeelException ex) {
        java.util.logging.Logger.getLogger(RemoveEmp.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 RemoveEmp().setVisible(true);
    }
});
}

// Variables declaration - do not modify
private javax.swing.JButton btnBack;
private javax.swing.JButton btnRemove;
private javax.swing.JTextField empName;
private javax.swing.JDesktopPane jDesktopPane1;
private javax.swing.JLabel jLabel1;
private javax.swing.JLabel jLabel5;
// End of variables declaration
}

```

// UpdateDeadline.java

```

package a4;

import java.sql.Connection;
import java.sql.DriverManager;
import java.sql.ResultSet;
import java.sql.Statement;
import javax.swing.JOptionPane;

/**
 *
 * @author hp
 */
public class UpdateDeadline extends javax.swing.JFrame {

    /**
     * Creates new form UpdateDeadline
     */
    public UpdateDeadline() {
        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() {

    jDesktopPane1 = new javax.swing.JDesktopPane();
    btnBack = new javax.swing.JButton();
    jLabel5 = new javax.swing.JLabel();
    jLabel1 = new javax.swing.JLabel();
    prjName = new javax.swing.JTextField();
    btnUpdate = new javax.swing.JButton();
    deadline = new javax.swing.JTextField();
    jLabel2 = new javax.swing.JLabel();

    setDefaultCloseOperation(javax.swing.WindowConstants.EXIT_ON_CLOSE);

    btnBack.setBackground(new java.awt.Color(102, 102, 102));
    btnBack.setFont(new java.awt.Font("SansSerif", 1, 12)); // NOI18N
    btnBack.setForeground(new java.awt.Color(255, 255, 255));
    btnBack.setText("Back");
    btnBack.addActionListener(new java.awt.event.ActionListener() {
        public void actionPerformed(java.awt.event.ActionEvent evt) {
            btnBackActionPerformed(evt);
        }
    });

    jLabel5.setFont(new java.awt.Font("Impact", 0, 24)); // NOI18N
    jLabel5.setForeground(new java.awt.Color(255, 255, 255));
    jLabel5.setHorizontalAlignment(javax.swing.SwingConstants.CENTER);
    jLabel5.setText("Update deadline of Project");

    jLabel1.setFont(new java.awt.Font("SansSerif", 0, 18)); // NOI18N
    jLabel1.setForeground(new java.awt.Color(255, 255, 255));
    jLabel1.setText("Project Name : ");

    prjName.addActionListener(new java.awt.event.ActionListener() {
        public void actionPerformed(java.awt.event.ActionEvent evt) {
            prjNameActionPerformed(evt);
        }
    });

    btnUpdate.setText("Update");
    btnUpdate.addActionListener(new java.awt.event.ActionListener() {
        public void actionPerformed(java.awt.event.ActionEvent evt) {
            btnUpdateActionPerformed(evt);
        }
    });

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

```

```

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

    jLabel2.setFont(new java.awt.Font("SansSerif", 0, 18)); // NOI18N
    jLabel2.setForeground(new java.awt.Color(255, 255, 255));
    jLabel2.setText("Deadline      :");

    jDesktopPane1.setLayer(btnBack, javax.swing.JLayeredPane.DEFAULT_LAYER);
    jDesktopPane1.setLayer(jLabel5, javax.swing.JLayeredPane.DEFAULT_LAYER);
    jDesktopPane1.setLayer(jLabel1, javax.swing.JLayeredPane.DEFAULT_LAYER);
    jDesktopPane1.setLayer(prjName, javax.swing.JLayeredPane.DEFAULT_LAYER);
    jDesktopPane1.setLayer(btnUpdate, javax.swing.JLayeredPane.DEFAULT_LAYER);
    jDesktopPane1.setLayer(deadline, javax.swing.JLayeredPane.DEFAULT_LAYER);
    jDesktopPane1.setLayer(jLabel2, javax.swing.JLayeredPane.DEFAULT_LAYER);

    javax.swing.GroupLayout jDesktopPane1Layout = new javax.swing.GroupLayout(jDesktopPane1);
    jDesktopPane1.setLayout(jDesktopPane1Layout);
    jDesktopPane1Layout.setHorizontalGroup(
        jDesktopPane1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
            .addGroup(jDesktopPane1Layout.createSequentialGroup()
                .addGap(40, 40, 40)
                .addGroup(jDesktopPane1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
                    .addComponent(jLabel1, javax.swing.GroupLayout.PREFERRED_SIZE, 162, javax.swing.GroupLayout.PREFERRED_SIZE)
                    .addComponent(jLabel2, javax.swing.GroupLayout.PREFERRED_SIZE, 162, javax.swing.GroupLayout.PREFERRED_SIZE)
                    .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED, 48, Short.MAX_VALUE)
                    .addGroup(jDesktopPane1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
                        .addComponent(prjName, javax.swing.GroupLayout.PREFERRED_SIZE, 334, javax.swing.GroupLayout.PREFERRED_SIZE)
                        .addComponent(deadline, javax.swing.GroupLayout.PREFERRED_SIZE, 334, javax.swing.GroupLayout.PREFERRED_SIZE)
                        .addGap(26, 26, 26))
                    .addGroup(jDesktopPane1Layout.createSequentialGroup()
                        .addGroup(jDesktopPane1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
                            .addGroup(jDesktopPane1Layout.createSequentialGroup()
                                .addGap(18, 18, 18)
                                .addComponent(btnBack))
                            .addGroup(jDesktopPane1Layout.createSequentialGroup()
                                .addGap(161, 161, 161)
                                .addComponent(jLabel5, javax.swing.GroupLayout.PREFERRED_SIZE, 282, javax.swing.GroupLayout.PREFERRED_SIZE))
                            .addGroup(jDesktopPane1Layout.createSequentialGroup()
                                .addGap(224, 224, 224)
                                .addComponent(btnUpdate, javax.swing.GroupLayout.PREFERRED_SIZE, 125, javax.swing.GroupLayout.PREFERRED_SIZE)))
                                .addContainerGap(javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE))
                        .addGap(19, 19, 19))
                .addContainerGap())
    );
    jDesktopPane1Layout.setVerticalGroup(
        jDesktopPane1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
            .addGroup(jDesktopPane1Layout.createSequentialGroup()
                .addGap(19, 19, 19)

```

```

        .addComponent(btnBack)
        .addGap(11, 11, 11)
        .addComponent(jLabel5, javax.swing.GroupLayout.DEFAULT_SIZE, 33, Short.MAX_VALUE)
        .addGap(18, 18, 18)
        .addGroup(jDesktopPane1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
            .addComponent(jLabel1, javax.swing.GroupLayout.PREFERRED_SIZE, 53, javax.swing.GroupLayout.PREFERRED_SIZE)
            .addComponent(prjName, javax.swing.GroupLayout.PREFERRED_SIZE, 33, javax.swing.GroupLayout.PREFERRED_SIZE))
        .addGap(15, 15, 15)
        .addGroup(jDesktopPane1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
            .addComponent(jLabel2, javax.swing.GroupLayout.PREFERRED_SIZE, 53, javax.swing.GroupLayout.PREFERRED_SIZE)
            .addComponent(deadline, javax.swing.GroupLayout.PREFERRED_SIZE, 33, javax.swing.GroupLayout.PREFERRED_SIZE))
        .addGap(41, 41, 41)
        .addComponent(btnUpdate, javax.swing.GroupLayout.PREFERRED_SIZE, 51, javax.swing.GroupLayout.PREFERRED_SIZE)
        .addGap(122, 122, 122))
    );

```

```

    javax.swing.GroupLayout layout = new javax.swing.GroupLayout(getContentPane());
    getContentPane().setLayout(layout);
    layout.setHorizontalGroup(
        layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
            .addComponent(jDesktopPane1)
    );
    layout.setVerticalGroup(
        layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
            .addComponent(jDesktopPane1)
    );

```

```

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

```

```

private void btnBackActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
    String args[] = {" "};
    admin.main(args);
    this.dispose();
}

```

```

private void prjNameActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
}

```

```

private void deadlineActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
}

```

```

private void btnUpdateActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
    if(prjName.getText().equals("") || deadline.getText().equals(""))

```

```

    {
        JOptionPane.showMessageDialog(null, "Invalid Inputs !");
    }
    else
    {
        try{
            String path = "jdbc:mysql://localhost:3306/emp";
            Connection con = DriverManager.getConnection(path,"root","root");
            Statement st = con.createStatement();
            String Query = "update emp.project set deadline = '" + deadline.getText() + "' where prj_name = '" + prjName.getText() + "'";
            st.executeUpdate(Query);
            Query = "select * from emp.project where prj_name = '" + prjName.getText() + "'";
            ResultSet rs = st.executeQuery(Query);
            if(!rs.next())
            {
                JOptionPane.showMessageDialog(null, "No Such Project Exists !");
            }
            else
            {
                String arg[] = {" "};
                admin.main(arg);
                this.dispose();
            }
        }
        catch(Exception e)
        {
            JOptionPane.showMessageDialog(null, "Invalid Deadline (yymmdd format)");
        }
    }
}

/**
 * @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(UpdateDeadline.class.getName()).log(java.util.logging.Level.SEVERE,

```

```

null, ex);
    } catch (InstantiationException ex) {
        java.util.logging.Logger.getLogger(UpdateDeadline.class.getName()).log(java.util.logging.Level.SEVERE,
null, ex);
    } catch (IllegalAccessException ex) {
        java.util.logging.Logger.getLogger(UpdateDeadline.class.getName()).log(java.util.logging.Level.SEVERE,
null, ex);
    } catch (javax.swing.UnsupportedLookAndFeelException ex) {
        java.util.logging.Logger.getLogger(UpdateDeadline.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 UpdateDeadline().setVisible(true);
    }
});
}

// Variables declaration - do not modify
private javax.swing.JButton btnBack;
private javax.swing.JButton btnUpdate;
private javax.swing.JTextField deadline;
private javax.swing.JDesktopPane jDesktopPane1;
private javax.swing.JLabel jLabel1;
private javax.swing.JLabel jLabel2;
private javax.swing.JLabel jLabel5;
private javax.swing.JTextField prjName;
// End of variables declaration
}

```

