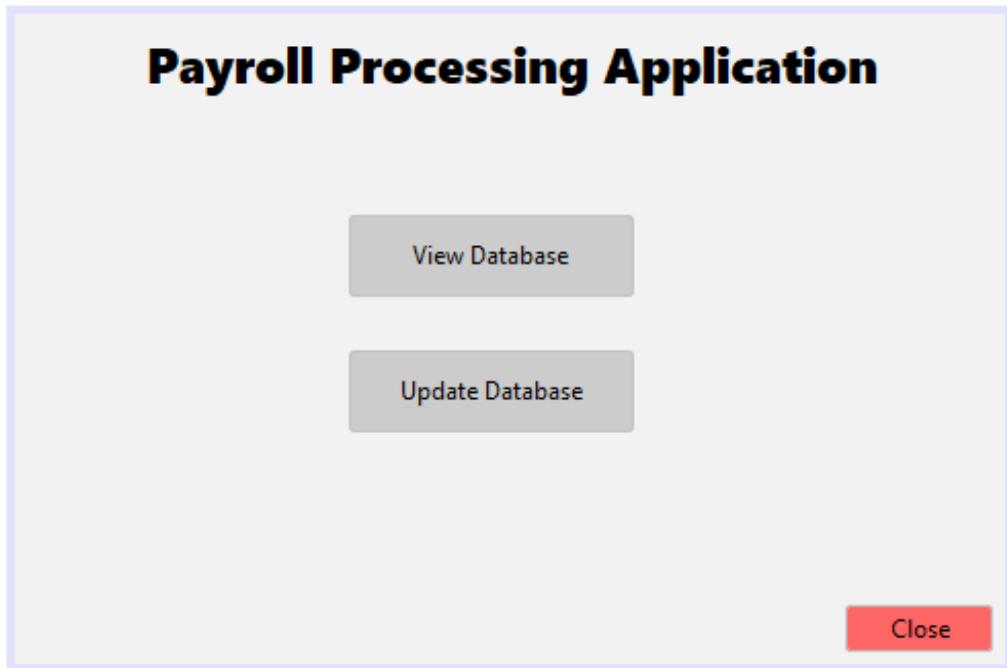


# Payroll Processing Application

## Welcome Form



The screenshot shows the Apache NetBeans IDE 16 interface with the following details:

- Title Bar:** JSV\_PPA - Apache NetBeans IDE 16
- Toolbar:** File, Edit, View, Navigate, Source, Refactor, Run, Debug, Profile, Team, Tools, Window, Help.
- Project Explorer:** Shows a single project named "JSV\_PPA".
- Code Editor:** The main window displays the Java code for "WelcomeForm.java".

```
1  /* Click http://nbhost/SystemFilesystem/Templates/licenses/license-default.txt to change this license
2   * Click http://nbhost/SystemFilesystem/Templates/GuiForms/JFrame.java to edit this template
3   */
4
5  package jsv_ppa;
6
7  /**
8   *
9   * @author Jilbert FC
10  */
11 public class WelcomeForm extends javax.swing.JFrame {
12
13     /**
14      * Creates new form Form3
15     */
16     public WelcomeForm() {
17         initComponents();
18     }
19
20     /**
21      * This method is called from within the constructor to initialize the form.
22      * WARNING: Do NOT modify this code. The content of this method is always
23      * regenerated by the Form Editor.
24     */
25     @SuppressWarnings("unchecked")
26     // <editor-fold defaultstate="collapsed" desc="Generated Code">
27     private void initComponents() {
28
29         jLabel1 = new javax.swing.JLabel();
30         updatedatabase = new javax.swing.JButton();
31         viewdatabase = new javax.swing.JButton();
32         close = new javax.swing.JButton();
33
34         setDefaultCloseOperation(javax.swing.WindowConstants.EXIT_ON_CLOSE);
35
36         jLabel1.setFont(new java.awt.Font("Segoe UI Black", 0, 24)); // NOI18N
37         jLabel1.setText("Payroll Processing Application");
38
39         updatedatabase.setBackground(new java.awt.Color(204, 204, 204));
40         updatedatabase.setText("Update Database");
41         updatedatabase.addActionListener(new java.awt.event.ActionListener() {
42             public void actionPerformed(java.awt.event.ActionEvent evt) {
43                 updatedatabaseActionPerformed(evt);
44             }
45         });
46
47         viewdatabase.setBackground(new java.awt.Color(204, 204, 204));
48         viewdatabase.setText("View Database");
49         viewdatabase.addActionListener(new java.awt.event.ActionListener() {
50
51     });
52
53     }
54
55 }
```
- Bottom Status Bar:** Findsuccess, Previous, Next, Select, etc.
- Bottom Right:** Search (Ctrl+F), 23:39, INS Unix (LF).

The screenshot shows the Apache NetBeans IDE interface with the following details:

- Title Bar:** File, Edit, View, Navigate, Source, Refactor, Run, Debug, Profile, Team, Tools, Window, Help, JSV\_PPA - Apache NetBeans IDE 16.
- Toolbar:** Standard NetBeans toolbar with icons for file operations, search, and project navigation.
- Project Explorer:** Shows the project structure with files like JSV\_PPA.java, WelcomeForm.java, AdministratorModeForm.java, AdministorForm.java, AddEmployeeForm.java, ModifyEmployeeDetailsForm.java, DeleteEmployeeDetailsForm.java, and EmployeeDetailsForm.java.
- Code Editor:** The main window displays Java code for the JSV\_PPA.java file. The code includes methods for updating the database, closing actions, viewing databases, and a main method. It also contains variable declarations at the bottom.
- Bottom Status Bar:** Shows "Find:success", "File:JSV\_PPA.java", "Output", and "No matches".

```
File Edit View Navigate Source Refactor Run Debug Profile Team Tools Window Help
JSV_PPA - Apache NetBeans IDE 16
Search (Ctrl+I)

JSV_PPA.java x WelcomeForm.java x AdministratorModeForm.java x AdministorForm.java x AddEmployeeForm.java x ModifyEmployeeDetailsForm.java x DeleteEmployeeDetailsForm.java x EmployeeDetailsForm.java x

Source Design History Favorites Tools Window Help
97     pack();
98     setLocationRelativeTo(null);
99 } // editor-fold
100
101 private void updateDatabaseActionPerformed(java.awt.event.ActionEvent evt) {
102     // TODO add your handling code here:
103     AdministratorModeForm AMFform = new AdministratorModeForm();
104     AMFform.setVisible(true);
105
106     this.dispose();
107 }
108
109 private void closeActionPerformed(java.awt.event.ActionEvent evt) {
110     // TODO add your handling code here:
111     this.dispose();
112 }
113
114 private void viewdatabaseActionPerformed(java.awt.event.ActionEvent evt) {
115     // TODO add your handling code here:
116     EmployeeDetailsForm EDFform = new EmployeeDetailsForm();
117     EDFform.setVisible(true);
118     this.dispose();
119 }
120
121 /**
122  * param args the command line arguments
123 */
124 public static void main(String args[]) {
125     /* Set the Nimbus look and feel */
126     /* Look and feel setting code (optional) */
127     //editor-fold defaultstate="collapsed" desc="Look and feel setting code (optional)"/>
128     /* Create and display the form */
129     java.awt.EventQueue.invokeLater(new Runnable() {
130         public void run() {
131             new WelcomeForm().setVisible(true);
132         }
133     });
134 }
135
136
137 // Variables declaration - do not modify
138 private javax.swing.JButton updateDatabase;
139 private javax.swing.JLabel jLabel1;
140 private javax.swing.JButton viewDatabase;
141 // End of variables declaration
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```

## **Employee's Form**

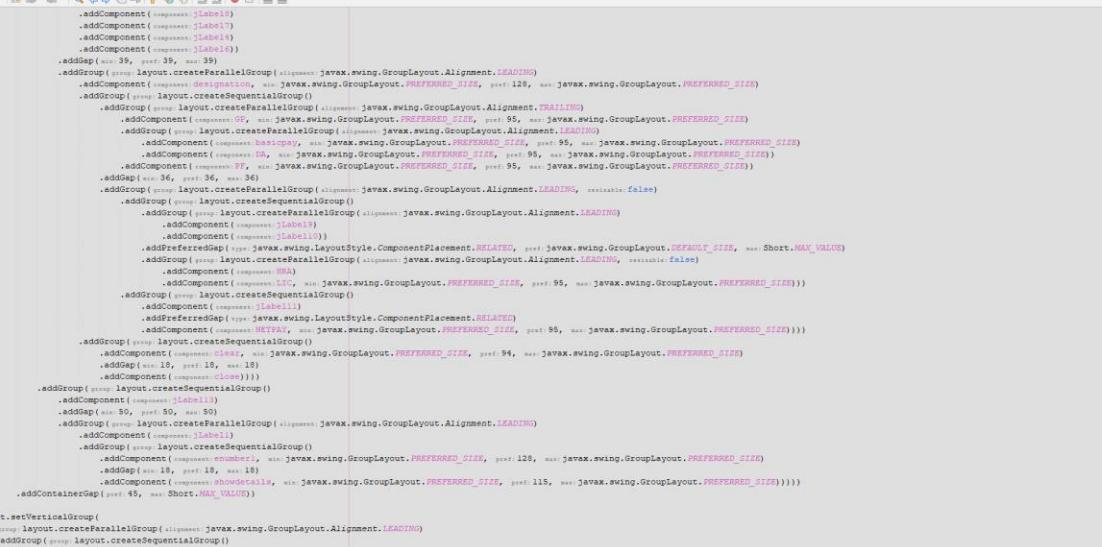
## Employee's Details

E-Number:	<input type="text"/>	<input type="button" value="Show Details"/>
E-Number:	<input type="text"/>	
Name:	<input type="text"/>	
Designation:	<input type="text"/>	
Basic-Pay:	<input type="text"/>	
D.A:	<input type="text"/>	H.R.A: <input type="text"/>
P.F:	<input type="text"/>	L.I.C: <input type="text"/>
G.P:	<input type="text"/>	Net Pay: <input type="text"/>



The screenshot shows the Apache NetBeans IDE 16 interface with the following details:

- Title Bar:** JVV\_PPA - Apache NetBeans IDE 16
- Menu Bar:** File, Edit, View, Navigate, Source, Refactor, Run, Debug, Profile, Team, Tools, Window, Help
- Toolbar:** Includes icons for New, Open, Save, Print, Find, Select, and others.
- Project Explorer:** Shows the project structure with files like Welcomeform.java, AdministratormodeForm.java, AdministratormodeForm.java, AddEmployeeForm.java, ModifyEmployeeDetailsForm.java, DeleteEmployeeDetailsForm.java, and EmployeeDetailsForm.java.
- Code Editor:** The main window displays the Java code for EmployeeDetailsForm.java. The code includes imports for java.awt, javax.swing, and javax.swing.GroupLayout. It defines a class EmployeeDetailsForm that extends JFrame. The constructor sets the title, initializes components (JLabel, JTextField, JButton), and sets up a GroupLayout for the content pane. The GroupLayout uses parallel groups and sequential groups to layout the form fields.
- Status Bar:** Shows "FindSuccess" and navigation icons for Previous, Next, Select, and others.



The screenshot shows the Apache NetBeans IDE interface with the following details:

- Title Bar:** JSP\_PPA - Apache NetBeans IDE 16
- Toolbar:** File, Edit, View, Navigate, Source, Refactor, Run, Debug, Profile, Team, Tools, Window, Help.
- Project Explorer:** Shows a project named "JSP\_PPA" with files like WelcomeForm.java, AdministratorsForm.java, AddEmployeeForm.java, ModifyEmployeeDetailsForm.java, DeleteEmployeeDetailsForm.java, and EmployeeDetailsForm.java.
- Code Editor:** The main window displays the Java code for EmployeeDetailsForm.java. The code is a large block of Java code for a Swing application, primarily using GroupLayout for layout management. It includes numerous annotations such as `@Component`, `@Label`, and `@Form`. The code defines various components like labels, text fields, and buttons, and their interactions through event listeners.
- Bottom Status Bar:** Shows "Find:success", "Previous", "Next", "Select", and "Output".
- Bottom Right:** Shows "1 match" and "161 IN5 Unix (L)".

The screenshot shows the Apache NetBeans IDE interface with the following details:

- Menu Bar:** File, Edit, View, Navigate, Source, Refactor, Run, Debug, Profile, Team, Tools, Window, Help.
- Title Bar:** JSV\_PPA - Apache NetBeans IDE 16
- Toolbar:** Includes icons for file operations like Open, Save, Print, and a search bar labeled "Search (Ctrl+F)".
- Project Explorer:** Shows the project structure with files like RV\_PPA.java, WelcomeForm.java, etc.
- Code Editor:** Displays the Java code for EmployeeDetailsForm.java. The code includes methods for handling button actions, closing the window, and displaying employee details. It also contains database connection logic using JDBC and MySQL.
- Output:** Shows the output of the build process, indicating "Find success".

```
File Edit View Navigate Source Refactor Run Debug Profile Team Tools Window Help
JSV_PPA - Apache NetBeans IDE 16
Search (Ctrl+F)
RV_PPA.java x WelcomeForm.java x AdministratorModeForm x AdministratorForm.java x AddEmployeeForm.java x ModifyEmployeeDetailsForm.java x DeleteEmployeeDetailsForm.java x EmployeeDetailsForm.java x
Source Design History
241.     .addContainerGap());
242. }
243.
244. pack();
245.
246. setLocationRelativeTo(null);
247. // </editor-fold>
248.
249. private void clearActionPerformed(java.awt.event.ActionEvent evt) {
250.     // TODO add your handling code here:
251.     enumber.setText("");
252.     emname.setText("");
253.     mname.setText("");
254.     designation.setText("");
255.     basicpay.setText("");
256.     DB.setText("");
257.     PF.setText("");
258.     GPF.setText("");
259.     HRA.setText("");
260.     LTC.setText("");
261.     NETPAY.setText("");
262. }
263.
264. private void closeActionPerformed(java.awt.event.ActionEvent evt) {
265.     // TODO add your handling code here:
266.     WelcomeForm wform = new WelcomeForm();
267.     wform.setVisible(true);
268.     this.dispose();
269. }
270.
271. private void showdetailsActionPerformed(java.awt.event.ActionEvent evt) {
272.     // TODO add your handling code here:
273.     int ENUM = Integer.parseInt(enumber.getText());
274.
275.     try {
276.         Class.forName("com.mysql.cj.jdbc.Driver");
277.     } catch (ClassNotFoundException ex) {
278.         Logger.getLogger(AddEmployeeForm.class.getName()).log(Level.SEVERE, null, ex);
279.     }
280.
281.     String dbname = "payrolldb";
282.     boolean flag = true;
283.
284.     String NAME, DESIGNATION;
285.     int bpay = 0;
286.     double D_A, P_F, G_P, H_R_A, L_I_C, NPAY;
287.
288.     try {
289.         Connection con = DriverManager.getConnection("jdbc:mysql://localhost:3306/" + dbName, "root", "root");
290.     }
```

The screenshot shows the Apache NetBeans IDE 16 interface with the following details:

- Title Bar:** JSV\_PPA - Apache NetBeans IDE 16
- Toolbar:** File, Edit, View, Navigate, Source, Refactor, Run, Debug, Profile, Team, Tools, Window, Help.
- Project Explorer:** Shows files like RV\_PPA.java, WelcomeForm.java, AdministratorLoginForm.java, AdministratorForm.java, AddEmployeeForm.java, ModifyEmployeeDetailsForm.java, DeleteEmployeeDetailsForm.java, and EmployeeDetailsForm.java.
- Code Editor:** The main window displays Java code for EmployeeDetailsForm.java. The code handles database operations using JDBC, including creating a statement, executing a query, and updating fields in a GUI. It includes logic to calculate salary components (D\_A, P\_F, H\_R\_A, L\_I\_C) and net salary (NETAY). It also checks if an employee with the same E-Number already exists in the database.
- Status Bar:** Shows the file path as jv\_ppa.EmployeeDetailsForm > showdetailsActionPerformed > try > while (rs.next()) > if (E NUMBER == ENUM) > Output INS Unix (LF)

File Edit View Navigate Source Refactor Run Debug Profile Team Tools Window Help JSV\_PPA - Apache NetBeans IDE 16

Source Design History < default config > 556.8/675.0MB Search (Ctrl+F)

File Services Projects

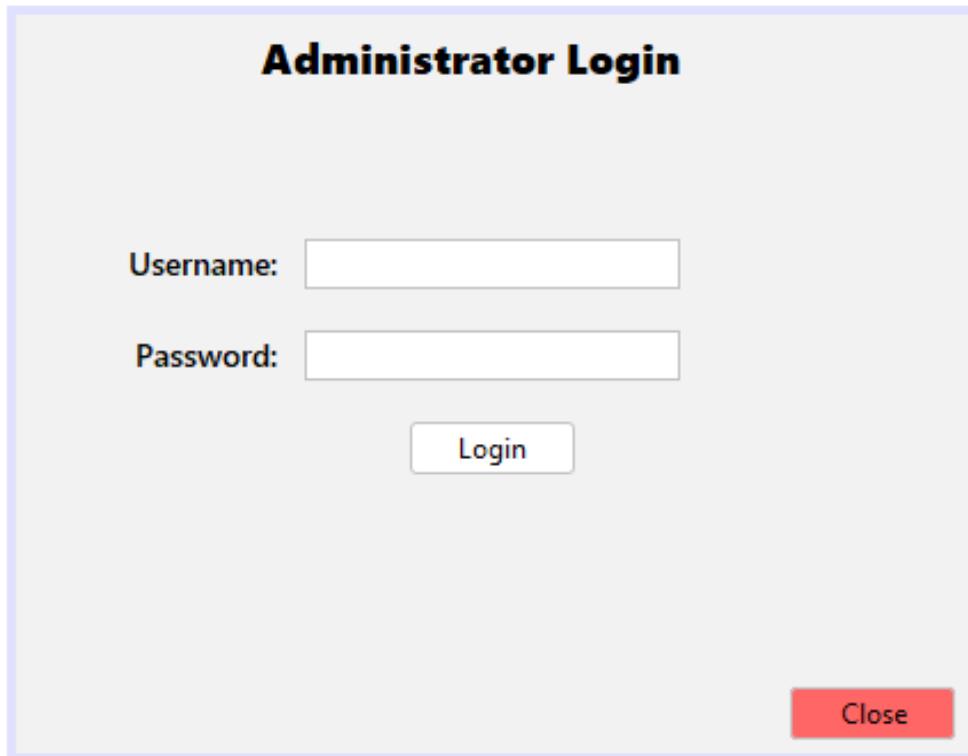
EmployeeDetailsForm.java WelcomeForm.java AdministratorModelForm.java AdministratorForm.java AddEmployeeForm.java ModifyEmployeeDetailsForm.java DeleteEmployeeDetailsForm.java EmployeeDetailsForm.java

```
357 * @param args the command line arguments
358 */
359 public static void main(String args[]) {
360     /* Set the Nimbus look and feel */
361     // Look and feel setting code (optional)
362     //</editor-fold>
363     //</editor-fold>
364     //</editor-fold>
365
366     /* Create and display the form */
367     java.awt.EventQueue.invokeLater(new Runnable() {
368         public void run() {
369             new EmployeeDetailsForm().setVisible(true);
370         }
371     });
372 }
373
374 // Variables declaration - do not modify
375 private javax.swing.JTextField ID;
376 private javax.swing.JTextField name;
377 private javax.swing.JTextField MDA;
378 private javax.swing.JTextField LDU;
379 private javax.swing.JTextField HETPAY;
380 private javax.swing.JTextField FTF;
381 private javax.swing.JTextField NTF;
382 private javax.swing.JTextField salary;
383 private javax.swing.JButton close;
384 private javax.swing.JTextField designation;
385 private javax.swing.JTextField numbers;
386 private javax.swing.JTextField number1;
387 private javax.swing.JLabel label1;
388 private javax.swing.JLabel label2;
389 private javax.swing.JLabel label3;
390 private javax.swing.JLabel label4;
391 private javax.swing.JLabel label5;
392 private javax.swing.JLabel label6;
393 private javax.swing.JLabel label7;
394 private javax.swing.JLabel label8;
395 private javax.swing.JLabel label9;
396 private javax.swing.JButton showdetails;
397 // End of variables declaration
398
399 }
400
401
402
403 }
```

EmployeeDetailsForm >

Output 373:1 INS Unix (LF)

## Admin Login



```
File Edit View Navigate Source Refactor Run Debug Profile Team Tools Window Help <default config> Search (Ctrl+F) jv_ppa - Apache NetBeans IDE 16
jv_ppa.java x WelcomeForm.java x AdministratorModeForm.java x AdministratoreForm.java x AddEmployeeDetailsForm.java x ModifyEmployeeDetailsForm.java x DeleteEmployeeDetailsForm.java x EmployeeDetailsForm.java x
Source Design History Projects Help Services
1 /**
2  * Click nbfs://nbs人人/SystemFileSystem/Templates/Licenses/LICENSE-default.txt to change this license
3  * Click nbfs://nbs人人/SystemFileSystem/Templates/GUIForms/JFrame.java to edit this template
4 */
5
6 package jv_ppa;
7
8 import javax.swing.JOptionPane;
9
10 /**
11  * @author Jilbert PC
12 */
13
14 public class AdministratorModeForm extends javax.swing.JFrame {
15
16     /**
17      * Creates new form AdministratorModeForm
18     */
19     public AdministratorModeForm() {
20         initComponents();
21     }
22
23     /**
24      * This method is called from within the constructor to initialize the form.
25      * WARNING: Do NOT modify this code. The content of this method is always
26      * regenerated by the Form Editor.
27     */
28     @SuppressWarnings("unchecked")
29     // <editor-fold defaultstate="collapsed" desc="Generated Code">
30     private void initComponents() {
31
32         close = new javax.swing.JButton();
33         jLabel1 = new javax.swing.JLabel();
34         jLabel2 = new javax.swing.JLabel();
35         jLabel3 = new javax.swing.JLabel();
36         jLabel4 = new javax.swing.JLabel();
37         username = new javax.swing.JTextField();
38         password = new javax.swing.JPasswordField();
39         login = new javax.swing.JButton();
40
41         setDefaultCloseOperation(javax.swing.WindowConstants.EXIT_ON_CLOSE);
42
43         close.setBackground(new java.awt.Color(255, 0, 102));
44         close.setText("Close");
45         close.addActionListener(new java.awt.event.ActionListener() {
46             public void actionPerformed(java.awt.event.ActionEvent evt) {
47                 closeActionPerformed(evt);
48             }
49         });
50
51         jLabel1.setFont(new java.awt.Font("Segoe UI Black", 0, 10)); // NOI18N
52         jLabel1.setText("Administrator Login");
53
54         jLabel2.setFont(new java.awt.Font("Segoe UI Semibold", 0, 14)); // NOI18N
55         jLabel2.setText("Username:");
56
56         jLabel3.setFont(new java.awt.Font("Segoe UI Semibold", 0, 14)); // NOI18N
57         jLabel3.setText("Password:");
58
58         login.setText("Login");
59         login.addActionListener(new java.awt.event.ActionListener() {
60             public void actionPerformed(java.awt.event.ActionEvent evt) {
61                 loginActionPerformed(evt);
62             }
63         });
64
65         javax.swing.GroupLayout layout = new javax.swing.GroupLayout(getContentPane());
66         getContentPane().setLayout(layout);
67         layout.setHorizontalGroup(
68             layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
69                 .addGroup(layout.createSequentialGroup()
70                     .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING)
71                         .addGroup(layout.createSequentialGroup()
72                             .addGap(107, 107, 107)
73                             .addComponent(jLabel1))
74                         .addGroup(layout.createSequentialGroup()
75                             .addGap(49, 49, 49)
76                             .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING)
77                                 .addComponent(jLabel2)
78                                 .addComponent(username, javax.swing.GroupLayout.PREFERRED_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)))
79
80                         .addGroup(layout.createSequentialGroup()
81                             .addGap(49, 49, 49)
82                             .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING)
83                                 .addComponent(jLabel3)
84                                 .addComponent(password, javax.swing.GroupLayout.PREFERRED_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)))
85
86                         .addGroup(layout.createSequentialGroup()
87                             .addGap(172, 172, 172)
88                             .addComponent(login))
89
90                         .addGroup(layout.createSequentialGroup()
91                             .addGap(0, 0, 0)
92                             .addComponent(close))
93
94                     )
95                     .layout.setVerticalGroup(
96                         layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
97                             .addGroup(layout.createSequentialGroup()
98                                 .addGap(172, 172, 172)
99                                 .addComponent(close))
100                             .addGroup(layout.createSequentialGroup()
101                                 .addGap(49, 49, 49)
102                                 .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING)
103                                     .addComponent(jLabel1))
104                                 .addGroup(layout.createSequentialGroup()
105                                     .addGap(49, 49, 49)
106                                     .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING)
107                                         .addComponent(jLabel2)
108                                         .addComponent(username, javax.swing.GroupLayout.PREFERRED_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)))
109
110                                     .addGroup(layout.createSequentialGroup()
111                                         .addGap(49, 49, 49)
112                                         .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING)
113                                             .addComponent(jLabel3)
114                                             .addComponent(password, javax.swing.GroupLayout.PREFERRED_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)))
115
116                                     .addGroup(layout.createSequentialGroup()
117                                         .addGap(172, 172, 172)
118                                         .addComponent(login))
119
120                                     .addGroup(layout.createSequentialGroup()
121                                         .addGap(0, 0, 0)
122                                         .addComponent(close))
123
124                                 )
125
126                             )
127                         )
128                     )
129
130                 )
131             )
132         );
133     }
134
135     // </editor-fold>
136
137     private void closeActionPerformed(java.awt.event.ActionEvent evt) {
138
139         System.exit(0);
140     }
141
142     private void loginActionPerformed(java.awt.event.ActionEvent evt) {
143
144         String user = username.getText();
145         String pass = new String(password.getPassword());
146
147         if (user.equals("admin") && pass.equals("admin")) {
148             JOptionPane.showMessageDialog(null, "Login successful!");
149         } else {
150             JOptionPane.showMessageDialog(null, "Invalid credentials!");
151         }
152     }
153
154     /**
155      * @author Jilbert PC
156     */
157     public static void main(String args[]) {
158
159         java.awt.EventQueue.invokeLater(() -> {
160             try {
161                 UIManager.setLookAndFeel(UIManager.getSystemLookAndFeelClassName());
162             } catch (ClassNotFoundException | InstantiationException | IllegalAccessException | UnsupportedLookAndFeelException ex) {
163                 ex.printStackTrace();
164             }
165
166             AdministratorModeForm frame = new AdministratorModeForm();
167             frame.setVisible(true);
168         });
169     }
170 }
```

```
File Edit View Navigate Source Refactor Run Debug Profile Team Tools Window Help <default config> Search (Ctrl+F) jv_ppa - Apache NetBeans IDE 16
jv_ppa.java x WelcomeForm.java x AdministratorModeForm.java x AdministratoreForm.java x AddEmployeeDetailsForm.java x ModifyEmployeeDetailsForm.java x DeleteEmployeeDetailsForm.java x EmployeeDetailsForm.java x
Source Design History Projects Help Services
1 /**
2  * Click nbfs://nbs人人/SystemFileSystem/Templates/Licenses/LICENSE-default.txt to change this license
3  * Click nbfs://nbs人人/SystemFileSystem/Templates/GUIForms/JFrame.java to edit this template
4 */
5
6 package jv_ppa;
7
8 import javax.swing.JOptionPane;
9
10 /**
11  * @author Jilbert PC
12 */
13
14 public class AdministratorModeForm extends javax.swing.JFrame {
15
16     /**
17      * Creates new form AdministratorModeForm
18     */
19     public AdministratorModeForm() {
20         initComponents();
21     }
22
23     /**
24      * This method is called from within the constructor to initialize the form.
25      * WARNING: Do NOT modify this code. The content of this method is always
26      * regenerated by the Form Editor.
27     */
28     @SuppressWarnings("unchecked")
29     // <editor-fold defaultstate="collapsed" desc="Generated Code">
30     private void initComponents() {
31
32         jLabel1 = new javax.swing.JLabel();
33         jLabel2 = new javax.swing.JLabel();
34         jLabel3 = new javax.swing.JLabel();
35         jLabel4 = new javax.swing.JLabel();
36         username = new javax.swing.JTextField();
37         password = new javax.swing.JPasswordField();
38         login = new javax.swing.JButton();
39         close = new javax.swing.JButton();
40
41         jLabel1.setFont(new java.awt.Font("Segoe UI Black", 0, 10)); // NOI18N
42         jLabel1.setText("Administrator Login");
43
44         jLabel2.setFont(new java.awt.Font("Segoe UI Semibold", 0, 14)); // NOI18N
45         jLabel2.setText("Username:");
46
47         jLabel3.setFont(new java.awt.Font("Segoe UI Semibold", 0, 14)); // NOI18N
48         jLabel3.setText("Password:");
49
50         login.setText("Login");
51         login.addActionListener(new java.awt.event.ActionListener() {
52             public void actionPerformed(java.awt.event.ActionEvent evt) {
53                 loginActionPerformed(evt);
54             }
55         });
56
57         javax.swing.GroupLayout layout = new javax.swing.GroupLayout(getContentPane());
58         getContentPane().setLayout(layout);
59         layout.setHorizontalGroup(
60             layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
61                 .addGroup(layout.createSequentialGroup()
62                     .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING)
63                         .addGroup(layout.createSequentialGroup()
64                             .addGap(107, 107, 107)
65                             .addComponent(jLabel1))
66                         .addGroup(layout.createSequentialGroup()
67                             .addGap(49, 49, 49)
68                             .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING)
69                                 .addComponent(jLabel2)
70                                 .addComponent(username, javax.swing.GroupLayout.PREFERRED_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)))
71
72                         .addGroup(layout.createSequentialGroup()
73                             .addGap(49, 49, 49)
74                             .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING)
75                                 .addComponent(jLabel3)
76                                 .addComponent(password, javax.swing.GroupLayout.PREFERRED_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)))
77
78                         .addGroup(layout.createSequentialGroup()
79                             .addGap(172, 172, 172)
80                             .addComponent(login))
81
82                         .addGroup(layout.createSequentialGroup()
83                             .addGap(0, 0, 0)
84                             .addComponent(close))
85
86                     )
87                     .layout.setVerticalGroup(
88                         layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
89                             .addGroup(layout.createSequentialGroup()
90                                 .addGap(172, 172, 172)
91                                 .addComponent(close))
92                             .addGroup(layout.createSequentialGroup()
93                                 .addGap(49, 49, 49)
94                                 .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING)
95                                     .addComponent(jLabel1))
96                                 .addGroup(layout.createSequentialGroup()
97                                     .addGap(49, 49, 49)
98                                     .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING)
99                                         .addComponent(jLabel2)
100                                         .addComponent(username, javax.swing.GroupLayout.PREFERRED_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)))
101
102                                     .addGroup(layout.createSequentialGroup()
103                                         .addGap(49, 49, 49)
104                                         .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING)
105                                             .addComponent(jLabel3)
106                                             .addComponent(password, javax.swing.GroupLayout.PREFERRED_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)))
107
108                                     .addGroup(layout.createSequentialGroup()
109                                         .addGap(172, 172, 172)
110                                         .addComponent(login))
111
112                                     .addGroup(layout.createSequentialGroup()
113                                         .addGap(0, 0, 0)
114                                         .addComponent(close))
115
116                                 )
117                             )
118                         )
119                     )
120
121                 )
122             )
123         );
124     }
125
126     // </editor-fold>
127
128     private void closeActionPerformed(java.awt.event.ActionEvent evt) {
129
130         System.exit(0);
131     }
132
133     private void loginActionPerformed(java.awt.event.ActionEvent evt) {
134
135         String user = username.getText();
136         String pass = new String(password.getPassword());
137
138         if (user.equals("admin") && pass.equals("admin")) {
139             JOptionPane.showMessageDialog(null, "Login successful!");
140         } else {
141             JOptionPane.showMessageDialog(null, "Invalid credentials!");
142         }
143     }
144
145     /**
146      * @author Jilbert PC
147     */
148     public static void main(String args[]) {
149
150         java.awt.EventQueue.invokeLater(() -> {
151             try {
152                 UIManager.setLookAndFeel(UIManager.getSystemLookAndFeelClassName());
153             } catch (ClassNotFoundException | InstantiationException | IllegalAccessException | UnsupportedLookAndFeelException ex) {
154                 ex.printStackTrace();
155             }
156
157             AdministratorModeForm frame = new AdministratorModeForm();
158             frame.setVisible(true);
159         });
160     }
161 }
```

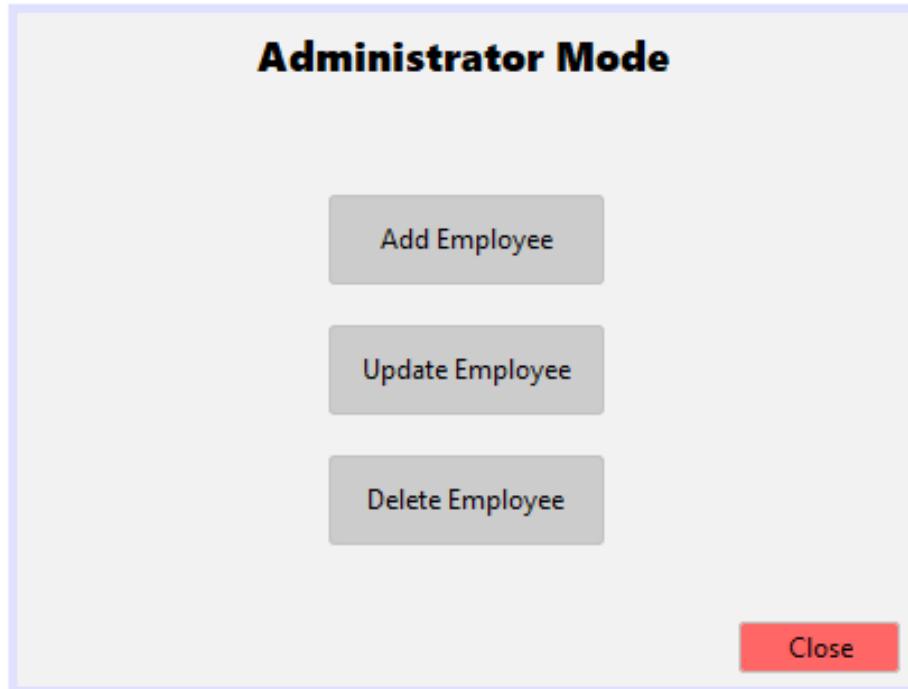
The screenshot shows the Apache NetBeans IDE interface with the title bar "JSV\_PPA - Apache NetBeans IDE 16". The left sidebar displays the project structure with files like "Welcomeform.java", "AdministratorModeForm.java", "AdministratorForm.java", "AddEmployeeForm.java", "ModifyEmployeeDetailsForm.java", "DeleteEmployeeDetailsForm.java", and "EmployeeDetailsForm.java". The main editor area contains Java code for a login form. The code includes imports for javax.swing.GroupLayout.Alignment, javax.swing.GroupLayout.ComponentPlacement, javax.swing.LayoutStyle.ComponentPlacement, javax.swing.JButton, javax.swing.JFrame, javax.swing.JPanel, javax.swing.JPasswordField, javax.swing.JTextField, javax.swing.JLabel, javax.swing.JComponent, javax.swing.JOptionPane, and java.awt.Container. It defines a JPanel named "contentPanel" with various components like labels, text fields, and buttons. The "closeAction" method handles window closure, and the "loginAction" method performs user authentication by comparing input against hardcoded admin credentials ("admin" and "admin123").

```
File Edit View Navigate Source Refactor Run Debug Profile Team Tools Window Help
JSV_PPA - Apache NetBeans IDE 16
Search (Ctrl+F)
File Edit View Navigate Source Refactor Run Debug Profile Team Tools Window Help
JSV_PPA.java x Welcomeform.java x AdministratorModeForm.java x AdministratorForm.java x AddEmployeeForm.java x ModifyEmployeeDetailsForm.java x DeleteEmployeeDetailsForm.java x EmployeeDetailsForm.java x
Source Design History
97     .addGroup(alignment: javax.swing.GroupLayout.Alignment.TRAILING, group: layout.createSequentialGroup())
98         .addComponent(compose: JLabel)
99
100        .addGap(min: 66, pref: 66, max: 66)
101        .addGroup(alignment: javax.swing.GroupLayout.Alignment.BASELINE)
102            .addComponent(compose: JLabel1)
103            .addComponent(compose: JTextField, min: javax.swing.GroupLayout.PREFERRED_SIZE, pref: javax.swing.GroupLayout.DEFAULT_SIZE, max: javax.swing.GroupLayout.PREFERRED_SIZE)
104            .addGap(min: 18, pref: 18, max: 18)
105            .addGroup(alignment: javax.swing.GroupLayout.Alignment.BASELINE)
106                .addComponent(compose: JLabel19)
107                .addComponent(compose: JPasswordField, min: javax.swing.GroupLayout.PREFERRED_SIZE, pref: javax.swing.GroupLayout.DEFAULT_SIZE, max: javax.swing.GroupLayout.PREFERRED_SIZE)
108                .addGap(min: 18, pref: 18, max: 18)
109                .addComponent(compose: JButton, alignment: javax.swing.LayoutStyle.ComponentPlacement.RELATED, pref: 93, max: Short.MAX_VALUE)
110
111        .addGroup(alignment: javax.swing.GroupLayout.Alignment.BASELINE)
112            .addComponent(compose: JButton1)
113
114    .addContainerSep()
115
116    pack()
117    setLocationRelativeTo(null);
118 } //editor-fold
119
120 private void closeActionPerformed(java.awt.event.ActionEvent evt) {
121     // TODO add your handling code here:
122     WelcomeForm wform = new WelcomeForm();
123     wform.setVisible(true);
124     this.dispose();
125 }
126
127 private void loginActionPerformed(java.awt.event.ActionEvent evt) {
128     // TODO add your handling code here:
129     String admin = "admin";
130     String adminpass = "admin123";
131
132     String uname = username.getText();
133     String pswrd = password.getText();
134     try {
135         if (uname.equals(admin) && pswrd.equals(adminpass)) {
136             AdministratorForm Aform = new AdministratorForm();
137             Aform.setVisible(true);
138             this.dispose();
139         }
140     } catch (Exception e) {
141         JOptionPane.showMessageDialog(parentComponent: this, message: "Access Denied.", title: "Access Denied", messageType: JOptionPane.ERROR_MESSAGE);
142     }
143 }
```

The screenshot shows the Apache NetBeans IDE interface with the following details:

- Title Bar:** JSV\_PPA - Apache NetBeans IDE 16
- Toolbar:** File Edit View Navigate Source Refactor Run Debug Profiler Team Tools Window Help
- Project Explorer (Projects tab):** Shows the project structure with files like RV\_PPA.java, Welcomeform.java, AdministratorModeForm.java, AdministratorForm.java, AddEmployeeForm.java, ModifyEmployeeDetailsForm.java, DeleteEmployeeDetailsForm.java, and EmployeeDetailsForm.java.
- Code Editor:** Displays Java code for the AdministratorModeForm.java class. The code handles user input for username and password, checks if they match "admin" and "admin123", and creates a new AdministratorForm instance if valid. It also includes a main method to run the application and variable declarations at the bottom.
- Output Tab:** Shows the output of the build process.

## Admin Mode



The screenshot shows the NetBeans IDE interface with the title bar "JSV\_PPA - Apache NetBeans IDE 16". The left sidebar displays the project structure with files like "AdministratorForm.java", "WelcomeForm.java", and "AdministratorModeForm.java". The main editor area shows the Java code for "AdministratorForm.java". The code includes imports for javax.swing and java.awt, and defines a class "AdministratorForm" that extends "JFrame". It contains methods for initializing components and setting up event listeners for buttons like "Add Employee" and "Delete Employee". The code uses annotations such as `@Override`, `@FXML`, and `@FXML private void initialize();`. The code editor has syntax highlighting and various toolbars at the top.

```
File Edit View Navigate Source Refactor Run Debug Profile Team Tools Window Help JSV_PPA - Apache NetBeans IDE 16 Search (Ctrl+F) JSV_PPA.java WelcomeForm.java AdministratorModeForm.java AdministratorForm.java AddEmployeeForm.java ModifyEmployeeDetailsForm.java DeleteEmployeeDetailsForm.java EmployeesDetailsForm.java Source Design History 1 // Click http://nbhost/SystemFileSystem/Templates/licenses/license-default.txt to change this license 2 // Click http://nbhost/SystemFileSystem/Templates/GUIForms/JFrame.java to edit this template 3 4 package JSV_PPA; 5 6 /** 7 * 8 * @author Jilbert FC 9 */ 10 11 public class AdministratorForm extends javax.swing.JFrame { 12 13     /** 14      * Creates new form AdministratorForm 15      */ 16     public AdministratorForm() { 17         initComponents(); 18     } 19 20     /** 21      * This method is called from within the constructor to initialize the form. 22      * WARNING: Do NOT modify this code. The content of this method is always 23      * regenerated by the Form Editor. 24      */ 25     @SuppressWarnings("unchecked") 26     // <editor-fold defaultstate="collapsed" desc="Generated Code"> 27     private void initComponents() { 28 29         jLabel1 = new javax.swing.JLabel(); 30         close = new javax.swing.JButton(); 31         addemployee = new javax.swing.JButton(); 32         updateemployee = new javax.swing.JButton(); 33         deleteemployee = new javax.swing.JButton(); 34 35         setDefaultCloseOperation(javax.swing.WindowConstants.EXIT_ON_CLOSE); 36 37         jLabel1.setFont(new java.awt.Font("Segoe UI Black", 0, 10)); // NOI18N 38         jLabel1.setText("Administrator Mode"); 39 40         close.setBackground(new java.awt.Color(255, 102, 102)); 41         close.setText("Close"); 42         close.addActionListener(new java.awt.event.ActionListener() { 43             public void actionPerformed(java.awt.event.ActionEvent evt) { 44                 closeActionPerformed(evt); 45             } 46         }); 47 48         addemployee.setBackground(new java.awt.Color(204, 204, 204)); 49         addemployee.setText("Add Employee"); 50         addemployee.addActionListener(new java.awt.event.ActionListener() { 51             public void actionPerformed(java.awt.event.ActionEvent evt) { 52                 addEmployeeActionPerformed(evt); 53             } 54         }); 55     } 56 57     // Variables declaration - do not modify//GEN-BEGIN:variables 58     private javax.swing.JButton addemployee; 59     private javax.swing.JButton close; 60     private javax.swing.JButton deleteemployee; 61     private javax.swing.JButton updateemployee; 62     private javax.swing.JLabel jLabel1; 63     // End of variables declaration//GEN-END:variables 64 } 65 
```



File Edit View Navigate Source Refactor Run Debug Profile Team Tools Window Help

Search (Ctrl+F)

SV\_PPA - Apache NetBeans IDE 16

Source Design History Services Tools Window Help

File Edit View Navigate Source Refactor Run Debug Profile Team Tools Window Help

SV\_PPA.java x WelcomeForm.java x AdministratoForm.java x AdministratoForm.java x AddEmployeeForm.java x ModifyEmployeeDetailsForm.java x DeleteEmployeeDetailsForm.java x EmployeeDetailsForm.java x

```

122     private void addemployeeActionPerformed(java.awt.event.ActionEvent evt) {
123         // TODO add your handling code here:
124         AddEmployeeForm AEFform = new AddEmployeeForm();
125         AEFform.setVisible(true);
126         this.dispose();
127     }
128
129     private void updateemployeeActionPerformed(java.awt.event.ActionEvent evt) {
130         // TODO add your handling code here:
131         ModifyEmployeeDetailsForm MEDFform = new ModifyEmployeeDetailsForm();
132         MEDFform.setVisible(true);
133         this.dispose();
134     }
135
136     private void deleteemployeeActionPerformed(java.awt.event.ActionEvent evt) {
137         // TODO add your handling code here:
138         DeleteEmployeeDetailsForm DEDFform = new DeleteEmployeeDetailsForm();
139         DEDFform.setVisible(true);
140         this.dispose();
141     }
142
143     /**
144      * @param args the command line arguments
145      */
146     public static void main(String[] args) {
147         /* Set the Nimbus look and feel */
148         /* Set the Nimbus look and feel (optional) */
149         /* Create and display the form */
150         java.awt.EventQueue.invokeLater(new Runnable() {
151             public void run() {
152                 new AdministratorForm().setVisible(true);
153             }
154         });
155     }
156
157     // Variables declaration - do not modify
158     private javax.swing.JButton addemployee;
159     private javax.swing.JButton close;
160     private javax.swing.JButton deleteemployee;
161     private javax.swing.JLabel jLabel1;
162     private javax.swing.JButton updateemployee;
163     // End of variables declaration
164 }
165

```

12.1 INS Unix (LF)

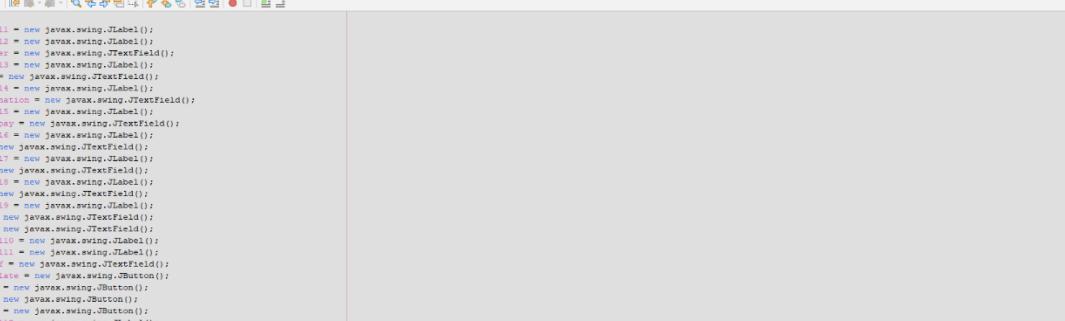
## Add Employee

**Add Employee**

<b>E-Number:</b>	<input type="text"/>
<b>Name:</b>	<input type="text"/>
<b>Designation:</b>	<input type="text"/>
<b>Date of Joining:</b>	<input type="text"/>
<b>Basic-Pay:</b>	<input type="text"/>
<b>D.A:</b>	<input type="text"/> <b>H.R.A:</b> <input type="text"/>
<b>P.F:</b>	<input type="text"/> <b>L.I.C:</b> <input type="text"/>
<b>G.P:</b>	<input type="text"/> <b>Net Pay:</b> <input type="text"/>
<input type="button" value="CALCULATE"/> <input type="button" value="ADD"/> <input type="button" value="CLEAR"/>	
<input type="button" value="Close"/>	

The screenshot shows the Apache NetBeans IDE interface with the following details:

- Title Bar:** JSV\_PPA - Apache NetBeans IDE 16
- Toolbar:** File Edit View Navigate Source Refactor Run Debug Profiler Team Tools Window Help
- Project List:** RV\_PPA.java, DefaultForm.java, AdministratorsModeForm.java, AdministratorsForm.java, AddEmployeeForm.java, ModifyEmployeeDetailsForm.java, DeleteEmployeeDetailsForm.java, EmployeeDetailsForm.java
- Source Editor:** The main window displays the Java code for `AddEmployeeForm.java`. The code includes imports for `java.awt.*`, `java.sql.*`, and `java.util.logging.*`. It defines a class `AddEmployeeForm` that extends `JFrame`. The constructor initializes components and sets their enabled states. A connection `conn` is also initialized. The `initComponents()` method is annotated with `@Override` and `@SuppressWarnings("unchecked")`. The `initComponents()` method itself contains code to create and add various `JLabel`, `JTextFields`, `JButtons`, and `JPanel` components to the frame.
- Toolbars:** Standard NetBeans toolbars for file operations, project management, and code navigation.
- Status Bar:** Shows "16.1 INS Unix (LF)"



The screenshot shows the Apache NetBeans IDE 16 interface with the title bar "JSV\_PPA - Apache NetBeans IDE 16". The left sidebar lists projects like "RV\_PPA.java", "Welcomeform.java", "AdministratorsModelForm.java", "AdministratorForm.java", "AddEmployeeForm.java", "ModifyEmployeeDetailForm.java", "DeleteEmployeeDetailsForm.java", and "EmployeeDetailsForm.java". The main editor area displays the Java code for "ModifyEmployeeDetailForm.java". The code is a large block of Java code defining various components such as labels, text fields, and buttons, setting their fonts and styles.

```
File Edit View Navigate Source Refactor Run Debug Profiler Team Tools Window Help
JSV_PPA - Apache NetBeans IDE 16
Search (Ctrl+F)
RV_PPA.java × Welcomeform.java × AdministratorsModelForm.java × AdministratorForm.java × AddEmployeeForm.java × ModifyEmployeeDetailForm.java × DeleteEmployeeDetailsForm.java × EmployeeDetailsForm.java ×
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```

The screenshot shows the Apache NetBeans IDE interface with the following details:

- Title Bar:** File, Edit, View, Navigate, Source, Refactor, Run, Debug, Profile, Team, Tools, Window, Help.
- Toolbar:** Standard Java development tools like New, Open, Save, Run, Stop, etc.
- Project Explorer:** Shows the project structure with files like RV\_PPA.java, Welcomeform.java, AdministratorNodeForm.java, AdministratorForm.java, AddEmployeeForm.java, ModifyEmployeeDetailsForm.java, DeleteEmployeeDetailsForm.java, and EmployeeDetailsForm.java.
- Code Editor:** The main window displays Java code for an employee payroll application. The code includes imports for java.awt, javax.swing, and javax.swing.GroupLayout. It defines several JLabel components (labeled 1 through 17) with various fonts (e.g., Segoe UI Semibold, Segoe UI, Arial), colors (e.g., #00BFFF, #00008B), and sizes (e.g., 14pt). The code also includes action listeners for buttons labeled "CALCULATE", "CLOSE", and "ADD".
- Status Bar:** Shows the file path as C:\Users\DELL\OneDrive\Desktop\R\RV\_PPA\R\V\_PPA\R\RV\_PPA.java and the version as JSV\_PPA - Apache NetBeans IDE 16.

The screenshot shows the NetBeans IDE interface with the title bar "JSP\_PPA - Apache NetBeans IDE 16". The menu bar includes File, Edit, View, Navigate, Source, Refactor, Run, Debug, Profile, Team, Tools, Window, Help. The toolbar has icons for New, Open, Save, Run, Stop, and others. The left sidebar shows the project structure with files like "JSP\_PPA.java", "WelcomeForm.java", "AdministratorLoginForm.java", "AdministratorForm.java", "AddEmployeeForm.java", "ModifyEmployeeDetailsForm.java", "DeleteEmployeeDetailsForm.java", and "EmployeeDetailForm.java". The main code editor displays Java Swing code for "ModifyEmployeeDetailsForm.java". The code uses GroupLayout for layout management, featuring parallel groups, sequential groups, and various alignment and gap settings. It includes components like JTextField, JButton, and JLabel. A cursor is visible near the end of the code. The status bar at the bottom right shows "161 IN5 Unix (LF)".

```
File Edit View Navigate Source Refactor Run Debug Profile Team Tools Window Help
<default config> JSP_PPA - Apache NetBeans IDE 16
Search (Ctrl+F)
JSP_PPA.java x WelcomeForm.java x AdministratorLoginForm.java x AdministratorForm.java x AddEmployeeForm.java x ModifyEmployeeDetailsForm.java x DeleteEmployeeDetailsForm.java x EmployeeDetailForm.java x
Projects Services
Source Design History
241 .addGroup(<loop layout:createParallelGroup(<align:javax.swing.GroupLayout.Alignment.LEADING)>
242 .addComponent(<jlabel:javax.swing.JLabel>, <align:javax.swing.GroupLayout.Alignment.TRAILING>, <size:javax.swing.GroupLayout.PREFERRED_SIZE>, <pref:javax.swing.GroupLayout.DEFAULT_SIZE>, <max:javax.swing.GroupLayout.PREFERRED_SIZE>)
243 .addGroup(<loop layout:createParallelGroup(<align:javax.swing.GroupLayout.Alignment.BASELINE>)>
244 .addComponent(<jlabel:javax.swing.JLabel>, <align:javax.swing.GroupLayout.Alignment.BASELINE>)
245 .addComponent(<jlabel:javax.swing.JLabel>, <align:javax.swing.GroupLayout.Alignment.BASELINE>)
246 .addGroup(<loop layout:createParallelGroup(<align:javax.swing.GroupLayout.Alignment.TRAILING>)>
247 .addGap(<gap:0, 0, 0, 0>, <align:javax.swing.GroupLayout.BASELINE>)
248 .addComponent(<jlabel:javax.swing.JLabel>, <align:javax.swing.GroupLayout.PREFERRED_SIZE>, <pref:javax.swing.GroupLayout.DEFAULT_SIZE>, <max:javax.swing.GroupLayout.PREFERRED_SIZE>)
249 .addPreferredGap(<gap:javax.swing.LayoutStyle.ComponentPlacement.RELATED>)
250 .addGroup(<loop layout:createParallelGroup(<align:javax.swing.GroupLayout.Alignment.BASELINE>)>
251 .addComponent(<jlabel:javax.swing.JLabel>, <align:javax.swing.GroupLayout.PREFERRED_SIZE>, <pref:javax.swing.GroupLayout.DEFAULT_SIZE>, <max:javax.swing.GroupLayout.PREFERRED_SIZE>)
252 .addComponent(<jlabel:javax.swing.JLabel>, <align:javax.swing.GroupLayout.PREFERRED_SIZE>, <pref:javax.swing.GroupLayout.DEFAULT_SIZE>, <max:javax.swing.GroupLayout.PREFERRED_SIZE>)
253 .addComponent(<jlabel:javax.swing.JLabel>, <align:javax.swing.GroupLayout.PREFERRED_SIZE>, <pref:javax.swing.GroupLayout.DEFAULT_SIZE>, <max:javax.swing.GroupLayout.PREFERRED_SIZE>)
254 .addComponent(<jlabel:javax.swing.JLabel>, <align:javax.swing.GroupLayout.PREFERRED_SIZE>, <pref:javax.swing.GroupLayout.DEFAULT_SIZE>, <max:javax.swing.GroupLayout.PREFERRED_SIZE>)
255 .addPreferredGap(<gap:javax.swing.LayoutStyle.ComponentPlacement.RELATED>)
256 .addGroup(<loop layout:createParallelGroup(<align:javax.swing.GroupLayout.Alignment.BASELINE>)>
257 .addComponent(<jlabel:javax.swing.JLabel>, <align:javax.swing.GroupLayout.PREFERRED_SIZE>, <pref:javax.swing.GroupLayout.DEFAULT_SIZE>, <max:javax.swing.GroupLayout.PREFERRED_SIZE>)
258 .addComponent(<jlabel:javax.swing.JLabel>, <align:javax.swing.GroupLayout.PREFERRED_SIZE>, <pref:javax.swing.GroupLayout.DEFAULT_SIZE>, <max:javax.swing.GroupLayout.PREFERRED_SIZE>)
259 .addComponent(<jlabel:javax.swing.JLabel>, <align:javax.swing.GroupLayout.PREFERRED_SIZE>, <pref:javax.swing.GroupLayout.DEFAULT_SIZE>, <max:javax.swing.GroupLayout.PREFERRED_SIZE>)
260 .addComponent(<jlabel:javax.swing.JLabel>, <align:javax.swing.GroupLayout.PREFERRED_SIZE>, <pref:javax.swing.GroupLayout.DEFAULT_SIZE>, <max:javax.swing.GroupLayout.PREFERRED_SIZE>)
261 .addGap(<gap:36, 36, 36, 36>)
262 .addGroup(<loop layout:createParallelGroup(<align:javax.swing.GroupLayout.Alignment.BASELINE>)>
263 .addComponent(<jlabel:javax.swing.JLabel>, <align:javax.swing.GroupLayout.Alignment.BASELINE>)
264 .addComponent(<jlabel:javax.swing.JLabel>, <align:javax.swing.GroupLayout.Alignment.BASELINE>)
265 .addComponent(<jlabel:javax.swing.JLabel>, <align:javax.swing.GroupLayout.Alignment.BASELINE>)
266 .addGap(<gap:30, 30, 30, 30>)
267 .addComponent(<jbutton:javax.swing.JButton>, <text:"close">)
268 .addContainerGap()
269 )
270 
271 pack();
272 setLocationRelativeTo(null);
273 // </editor-fold>
274 
275 private void closeActionPerformed(java.awt.event.ActionEvent evt) {
276 // TODO add your handling code here:
277 AdministratorForm AForm = new AdministratorForm();
278 AForm.setVisible(true);
279 this.dispose();
280 }
281 
282 /**
283 * @param args
284 */
285 private void clearActionPerformed(java.awt.event.ActionEvent evt) {
286 // TODO add your handling code here:
287 number.setText("");
288 name.setText("");
289 address.setText("");
290 dateofjoining.setText("");
291 basicpay.setText("");
292 DA.setText("");
293 PF.setText("");
294 }
```

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Source Design History Tools Window Help JSV_PPA.java x WelcomeForm.java x AdministratoreModeForm.java x AdministratoreForm.java x AddEmployeeForm.java x ModifyEmployeeDetailsForm.java x DeleteEmployeeDetailsForm.java x EmployeeDetailsForm.java x
Project Services Navigator Help
161 IN5 Unix (LF)
128
129     DA.setText("");
130     PF.setText("");
131     GR.setText("");
132     HRA.setText("");
133     LIC.setText("");
134     NETPAY.setText("");
135
136 }
137
138 private void calculateActionPerformed(java.awt.event.ActionEvent evt) {
139     // TODO add your handling code here:
140     int bpay = 0;
141     double D_A, P_F, G_P, H_R_A, L_I_C, NPAY;
142
143     try {
144         bpay = Integer.parseInt(this.basicpay.getText());
145     } catch (Exception e) {
146         JOptionPane.showMessageDialog(parentComponent, this, "Input Numbers Only.", JOptionPane.ERROR_MESSAGE);
147     }
148
149     D_A = bpay * 0.52;
150     P_F = bpay * 0.12;
151     H_R_A = bpay * 0.06;
152     L_I_C = bpay * 0.15;
153     G_P = bpay + D_A + H_R_A;
154     NPAY = G_P - (P_F + L_I_C);
155
156     DA.setText(""+D_A);
157     PF.setText(""+P_F);
158     GR.setText(""+G_P);
159     HRA.setText(""+L_I_C);
160     LIC.setText(""+G_P);
161     GR.setText(""+G_P);
162     NETPAY.setText(""+NPAY);
163
164 }
165
166 private void addActionPerformed(java.awt.event.ActionEvent evt) {
167     int ENRM = Integer.parseInt(this.number.getText());
168     String NAME = name.getText();
169     String DESIGNATION = designation.getText();
170     String DATEOJOINING = dateofjoining.getText();
171     int SALARY = Integer.parseInt(this.basicpay.getText());
172
173     try {
174         Class.forName("com.mysql.cj.jdbc.Driver");
175     } catch (ClassNotFoundException ex) {
176         Logger.getLogger(AddEmployeeForm.class.getName()).log(Level.SEVERE, null, ex);
177     }
178 }
179
180
181 /**
182 * @param args the command line arguments
183 */
184 public static void main(String args[]) {
185     /* Set the Nimbus look and feel */
186     /* Look and feel setting code (optional) */
187     //</editor-fold>
188     //</editor-fold>
189     //</editor-fold>
190
191     /* Create and display the form */
192     java.awt.EventQueue.invokeLater(new Runnable() {
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```

JSV\_PPA - Apache NetBeans IDE 16

File Edit View Navigate Source Refactor Run Debug Profile Team Tools Window Help

Source Design History Projects Services

```
378     /* Set the Nimbus look and feel */
379     // Look and feel setting code (optional):
380     //</editor-fold>
381     //</editor-fold>
382     //</editor-fold>
383
384     /* Create and display the form */
385     java.awt.EventQueue.invokeLater(new Runnable() {
386         public void run() {
387             new AddEmployeeForm().setVisible(true);
388         }
389     });
390
391     // Variables declaration - do not modify
392     private javax.swing.JTextField ID;
393     private javax.swing.JTextField Name;
394     private javax.swing.JTextField Address;
395     private javax.swing.JTextField EID;
396     private javax.swing.JTextField MIDDLENAME;
397     private javax.swing.JTextField DEPARTMENT;
398     private javax.swing.JButton ADD;
399     private javax.swing.JButton BasicPay;
400     private javax.swing.JButton Date;
401     private javax.swing.JButton Clear;
402     private javax.swing.JButton Close;
403
404     private javax.swing.JTextField DateofJoining;
405     private javax.swing.JTextField designation;
406     private javax.swing.JTextField member;
407     private javax.swing.JTextField phone;
408     private javax.swing.JLabel jLabel10;
409     private javax.swing.JLabel jLabel11;
410     private javax.swing.JLabel jLabel12;
411     private javax.swing.JLabel jLabel13;
412     private javax.swing.JLabel jLabel14;
413     private javax.swing.JLabel jLabel15;
414     private javax.swing.JLabel jLabel16;
415     private javax.swing.JLabel jLabel17;
416     private javax.swing.JLabel jLabel18;
417     private javax.swing.JLabel jLabel19;
418
419     // End of variables declaration
420 }
```

Output 161 INS Unix (LF)

## Update Employee's Details

**Update Employee**

E-Number:

Name:

Designation:

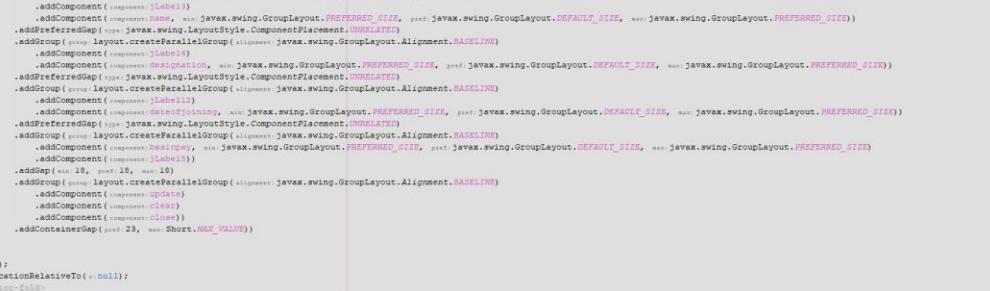
Date of Joining:

Basic-Pay:

**UPDATE**   **CLEAR**   **Close**

```
File Edit View Navigate Source Refactor Run Debug Profile Team Tools Window Help JSP_PPA - Apache NetBeans IDE 16 Search (Ctrl+F) Projects Services Files History Design ModifyEmployeeDetailsForm.java WelcomeForm.java AdministratoreModeForm.java AdministratoreForm.java AddEmployeeForm.java DeleteEmployeeDetailsForm.java EmployeeDetailsForm.java Source /* Click nhfs:/nhost/SystemFileSystem/Templates/Licenses/licenses-default.txt to change this license */ /* Click nhfs:/nhost/SystemFileSystem/Templates/GUIForms/JFrame.java to edit this template */ package jav_ppa; import java.sql.Connection; import java.sql.DriverManager; import java.sql.PreparedStatement; import java.sql.ResultSet; import java.sql.SQLException; import java.util.logging.Level; import java.util.logging.Logger; import javax.swing.JOptionPane; 16 17 18 * Author Jilbert PC 19 */ 20 public class ModifyEmployeeDetailsForm extends javax.swing.JFrame { 21 22 /** 23 * Creates new form ModifyEmployeeDetails 24 */ 25 public ModifyEmployeeDetailsForm() { 26 initComponents(); 27 } 28 29 /** 30 * This method is called from within the constructor to initialize the form. 31 * WARNING: Do NOT modify this code. The content of this method is always 32 * regenerated by the Form Editor. 33 */ 34 @SuppressWarnings("unchecked") 35 // <editor-fold defaultstate="collapsed" desc="Generated Code"> 36 private void initComponents() { 37 38 jLabel1 = new javax.swing.JLabel(); 39 jLabel2 = new javax.swing.JLabel(); 40 jLabel3 = new javax.swing.JLabel(); 41 jLabel4 = new javax.swing.JLabel(); 42 jLabel5 = new javax.swing.JLabel(); 43 jLabel6 = new javax.swing.JLabel(); 44 jLabel7 = new javax.swing.JLabel(); 45 designation = new javax.swing.JTextField(); 46 dateofjoining = new javax.swing.JTextField(); 47 jLabel8 = new javax.swing.JLabel(); 48 jLabel9 = new javax.swing.JLabel(); 49 basicpay = new javax.swing.JTextField(); 50 update = new javax.swing.JButton(); 51 52 53 setDefaultCloseOperation(javax.swing.WindowConstants.EXIT_ON_CLOSE); 54 setPreferredSize(new java.awt.Dimension(450, 400)); 55 56 jLabel1.setFont(new java.awt.Font("Segoe UI Black", 0, 16)); // NOI18N 57 jLabel1.setText("Update Employee"); 58 59 jLabel2.setFont(new java.awt.Font("Segoe UI Semibold", 0, 14)); // NOI18N 60 jLabel2.setText("Name"); 61 62 jLabel3.setFont(new java.awt.Font("Segoe UI Semibold", 0, 14)); // NOI18N 63 jLabel3.setText("Designation"); 64 65 jLabel4.setFont(new java.awt.Font("Segoe UI Semibold", 0, 14)); // NOI18N 66 jLabel4.setText("Date of Joining"); 67 68 jLabel5.setFont(new java.awt.Font("Segoe UI Semibold", 0, 14)); // NOI18N 69 jLabel5.setText("Basic Pay"); 70 71 update.setFont(new java.awt.Font("Segoe UI Semibold", 0, 14)); // NOI18N 72 update.setText("UPDATE"); 73 update.addActionListener(new java.awt.event.ActionListener() { 74 public void actionPerformed(java.awt.event.ActionEvent evt) { 75 updateActionPerformed(evt); 76 } 77 }); 78 79 clear.setText("CLEAR"); 80 clear.addActionListener(new java.awt.event.ActionListener() { 81 public void actionPerformed(java.awt.event.ActionEvent evt) { 82 clearActionPerformed(evt); 83 } 84 }); 85 86 close.setBackground(new java.awt.Color(255, 102, 102)); 87 close.setText("Close"); 88 close.addActionListener(new java.awt.event.ActionListener() { 89 public void actionPerformed(java.awt.event.ActionEvent evt) { 90 closeActionPerformed(evt); 91 } 92 }); 93 94 javax.swing.GroupLayout layout = new javax.swing.GroupLayout(getContentPane()); 95 getContentPane().setLayout(layout); 96 97 }
```

```
File Edit View Navigate Source Refactor Run Debug Profile Team Tools Window Help JSP_PPA - Apache NetBeans IDE 16 Search (Ctrl+F) Projects Services Files History Design ModifyEmployeeDetailsForm.java WelcomeForm.java AdministratoreModeForm.java AdministratoreForm.java AddEmployeeForm.java DeleteEmployeeDetailsForm.java EmployeeDetailsForm.java Source basicpay = new javax.swing.JTextField(); update = new javax.swing.JButton(); clear = new javax.swing.JButton(); close = new javax.swing.JButton(); 44 45 setDefaultCloseOperation(javax.swing.WindowConstants.EXIT_ON_CLOSE); 46 setPreferredSize(new java.awt.Dimension(450, 400)); 47 48 jLabel1.setFont(new java.awt.Font("Segoe UI Black", 0, 16)); // NOI18N 49 jLabel1.setText("Update Employee"); 50 51 jLabel2.setFont(new java.awt.Font("Segoe UI Semibold", 0, 14)); // NOI18N 52 jLabel2.setText("Name"); 53 54 jLabel3.setFont(new java.awt.Font("Segoe UI Semibold", 0, 14)); // NOI18N 55 jLabel3.setText("Designation"); 56 57 jLabel4.setFont(new java.awt.Font("Segoe UI Semibold", 0, 14)); // NOI18N 58 jLabel4.setText("Date of Joining"); 59 60 jLabel5.setFont(new java.awt.Font("Segoe UI Semibold", 0, 14)); // NOI18N 61 jLabel5.setText("Basic Pay"); 62 63 update.setFont(new java.awt.Font("Segoe UI Semibold", 0, 14)); // NOI18N 64 update.setText("UPDATE"); 65 update.addActionListener(new java.awt.event.ActionListener() { 66 public void actionPerformed(java.awt.event.ActionEvent evt) { 67 updateActionPerformed(evt); 68 } 69 }); 70 71 clear.setText("CLEAR"); 72 clear.addActionListener(new java.awt.event.ActionListener() { 73 public void actionPerformed(java.awt.event.ActionEvent evt) { 74 clearActionPerformed(evt); 75 } 76 }); 77 78 close.setBackground(new java.awt.Color(255, 102, 102)); 79 close.setText("Close"); 80 close.addActionListener(new java.awt.event.ActionListener() { 81 public void actionPerformed(java.awt.event.ActionEvent evt) { 82 closeActionPerformed(evt); 83 } 84 }); 85 86 javax.swing.GroupLayout layout = new javax.swing.GroupLayout(getContentPane()); 87 getContentPane().setLayout(layout); 88 89 }
```



The screenshot shows the Apache NetBeans IDE interface with the title bar "JSV\_PPA - Apache NetBeans IDE 16". The menu bar includes File, Edit, View, Navigate, Source, Refactor, Run, Debug, Profiler, Team, Tools, Window, Help. The toolbar has icons for New, Open, Save, Run, Stop, etc. The left sidebar shows the project structure with files like RV\_PPA.java, Welcomeform.java, AdministratorModelForm.java, AdministratorForm.java, AddEmployeeForm.java, ModifyEmployeeDetailsForm.java (selected), DeleteEmployeeDetailsForm.java, and EmployeeDetailsForm.java. The main editor area displays the Java code for ModifyEmployeeDetailsForm.java, which contains methods for clearing, closing, and date actions.

```
File Edit View Navigate Source Refactor Run Debug Profiler Team Tools Window Help JSV_PPA - Apache NetBeans IDE 16 Search (Ctrl+F) RV_PPA.java x Welcomeform.java x AdministratorModelForm.java x AdministratorForm.java x AddEmployeeForm.java x ModifyEmployeeDetailsForm.java x DeleteEmployeeDetailsForm.java x EmployeeDetailsForm.java x Source Design History Projects Services Navigator Editor-folders 143 .addPrefixedGridBag(<-- javax.swing.LayoutStyle.ComponentPlacement.UNRELATED) 144 .addGroup(<-- javax.swing.GroupLayout.Alignment.BASELINE) 145 .addComponent(<-- javax.swing.GroupLayout.Alignment.BASELINE) 146 .addGroup(<-- javax.swing.GroupLayout.PREFERRED_SIZE, javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE) 147 .addComponent(<-- javax.swing.GroupLayout.PREFERRED_SIZE, javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE) 148 .addPrefixedGridBag(<-- javax.swing.LayoutStyle.ComponentPlacement.UNRELATED) 149 .addGroup(<-- javax.swing.GroupLayout.Alignment.BASELINE) 150 .addComponent(<-- javax.swing.GroupLayout.PREFERRED_SIZE, javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE) 151 .addComponent(<-- javax.swing.GroupLayout.Alignment.BASELINE) 152 .addComponent(<-- javax.swing.GroupLayout.Alignment.BASELINE) 153 .addComponent(<-- javax.swing.GroupLayout.Alignment.BASELINE) 154 .addPrefixedGridBag(<-- javax.swing.GroupLayout.PREFERRED_SIZE, javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE) 155 .addGroup(<-- javax.swing.GroupLayout.Alignment.BASELINE) 156 .addComponent(<-- javax.swing.GroupLayout.Alignment.BASELINE) 157 .addPrefixedGridBag(<-- javax.swing.GroupLayout.PREFERRED_SIZE, javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE) 158 .addGroup(<-- javax.swing.GroupLayout.Alignment.BASELINE) 159 .addComponent(<-- javax.swing.GroupLayout.Alignment.BASELINE) 160 .addComponent(<-- javax.swing.GroupLayout.Alignment.BASELINE) 161 .addComponent(<-- javax.swing.GroupLayout.Alignment.BASELINE) 162 .addGroup(<-- javax.swing.GroupLayout.Alignment.BASELINE) 163 .addGroup(<-- javax.swing.GroupLayout.Alignment.BASELINE) 164 .addComponent(<-- javax.swing.GroupLayout.Alignment.BASELINE) 165 .addComponent(<-- javax.swing.GroupLayout.Alignment.BASELINE) 166 .addComponent(<-- javax.swing.GroupLayout.Alignment.BASELINE) 167 .addContainerGap(<-- 23, Short.MAX_VALUE) 168 ) 169 170 pack(); 171 setLocationRelativeTo(<-- null); 172 } //<editor-fold> 173 174 private void clearActionPerformed(java.awt.event.ActionEvent evt) { 175 // TODO add your handling code here: 176 member.setText(""); 177 name.setText(""); 178 designation.setText(""); 179 datejoining.setText(""); 180 basicpay.setText(""); 181 } 182 183 private void closeActionPerformed(java.awt.event.ActionEvent evt) { 184 // TODO add your handling code here: 185 AdministratorForm AFform = new AdministratorForm(); 186 AFform.setVisible(true); 187 this.dispose(); 188 } 189 190 private void dateActionPerformed(java.awt.event.ActionEvent evt) { 191 // TODO add your handling code here: 192 String NAME = <-- jTextField1.getText(); 193 String DESIGNATION = <-- jTextField2.getText(); 194 String DATEJOINING = <-- jTextField3.getText(); 195 int SALARY = Integer.parseInt(<-- basicpay.getText());
```

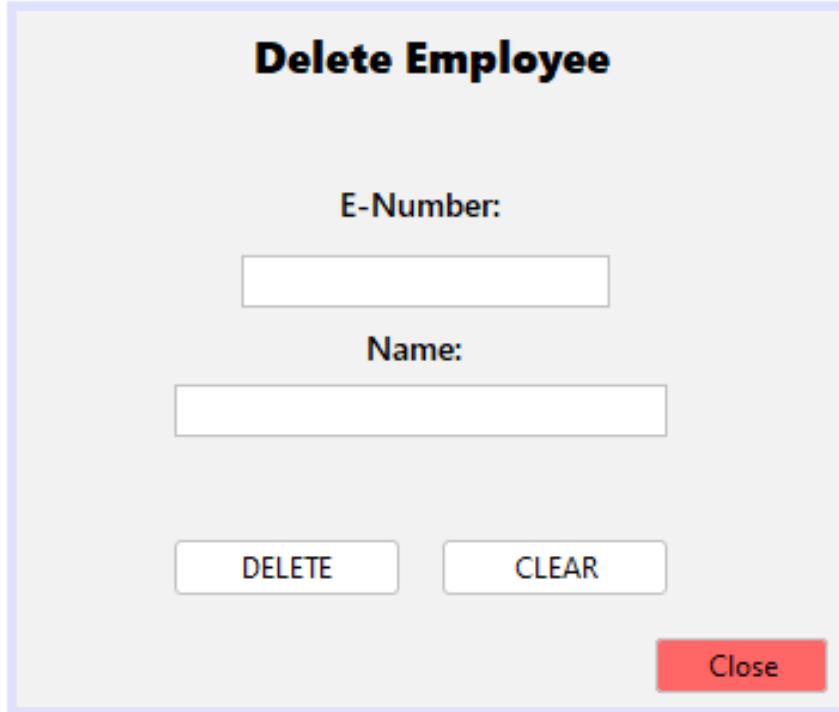
```
File Edit View Navigate Source Refactor Run Debug Profile Team Tools Window Help JSV_FPA - Apache NetBeans IDE 16 Search (Ctrl+F) Projects Services Navigator History Source WelcomeForm.java AdministratoreModelForm.java AdministratoreForm.java AddEmployeeDetailsForm.java ModifyEmployeeDetailsForm.java DeleteEmployeeDetailsForm.java EmployeeDetailsForm.java
```

```
180     String DATEOJOINING = dateofjoining.getText();
181     int SALARY = Integer.parseInt(basicsalary.getText());
182 
183     int ENOM = Integer.parseInt(eNumber.getText());
184 
185     try {
186         Class.forName("com.mysql.cj.jdbc.Driver");
187     } catch (ClassNotFoundException ex) {
188         Logger.getLogger(AddEmployeeForm.class.getName()).log(Level.SEVERE, null, ex);
189     }
190 
191     String dbName = "payrolldb";
192     boolean flag = true;
193 
194     try {
195         Connection con = DriverManager.getConnection("jdbc:mysql://localhost:3306/" + dbName, "root", "root");
196 
197         Statement st = con.createStatement();
198         ResultSet rs = st.executeQuery("select enumber from payrolltbl");
199 
200         while (rs.next()) {
201             int NUMBER = rs.getInt("enumber");
202 
203             if (NUMBER == ENOM) {
204                 flag = false;
205             }
206 
207             String sql = "UPDATE payrolltbl SET name = ?, designation = ?, dateofjoining = ?, salary = ? WHERE enumber = ?";
208             PreparedStatement ps = con.prepareStatement(sql);
209             ps.setString(1, eName);
210             ps.setString(2, eDesignation);
211             ps.setString(3, dateofjoining);
212             ps.setInt(4, SALARY);
213             ps.setInt(5, ENOM);
214             ps.executeUpdate();
215 
216             JOptionPane.showMessageDialog(this, "Employee's Details Updated SUCCESSFULLY.");
217             break;
218         }
219     } catch (SQLException ex) {
220         Logger.getLogger(AddEmployeeForm.class.getName()).log(Level.SEVERE, null, ex);
221     }
222 
223     if (flag) {
224         JOptionPane.showMessageDialog(this, "Employee's E-Number does not exist on DATABASE.");
225     }
226 }
```

```
File Edit View Navigate Source Refactor Run Debug Profile Team Tools Window Help JSV_FPA - Apache NetBeans IDE 16 Search (Ctrl+F) Projects Services Navigator History Source WelcomeForm.java AdministratoreModelForm.java AdministratoreForm.java AddEmployeeDetailsForm.java ModifyEmployeeDetailsForm.java DeleteEmployeeDetailsForm.java EmployeeDetailsForm.java
```

```
223 // JOptionPane.showMessageDialog(this, "Employee's Details Added to DATABASE SUCCESSFULLY.");
224 
225 } catch (SQLException ex) {
226     Logger.getLogger(AddEmployeeForm.class.getName()).log(Level.SEVERE, null, ex);
227 }
228 
229 if (flag) {
230     JOptionPane.showMessageDialog(this, "Employee's E-Number does not exist on DATABASE.");
231 }
232 }
233 
234 /**
235 * @param args the command line arguments
236 */
237 public static void main(String args[]) {
238     /* Set the Nimbus look and feel */
239     //
240     /* Look and feel setting code (optional) */
241     //
242 
243     /* Create and display the form */
244     java.awt.EventQueue.invokeLater(new Runnable() {
245         public void run() {
246             new ModifyEmployeeDetailsForm().setVisible(true);
247         }
248     });
249 }
250 
251 // Variables declaration - do not modify
252 private javax.swing.JTextField basicsalary;
253 private javax.swing.JButton clear;
254 private javax.swing.JLabel jLabel1;
255 private javax.swing.JLabel jLabel10;
256 private javax.swing.JLabel jLabel11;
257 private javax.swing.JLabel jLabel12;
258 private javax.swing.JLabel jLabel13;
259 private javax.swing.JLabel jLabel14;
260 private javax.swing.JLabel jLabel15;
261 private javax.swing.JLabel jLabel16;
262 private javax.swing.JTextField name;
263 private javax.swing.JButton update;
264 
265 // End of variables declaration
266 }
```

## Delete Employee's Details from Database



The screenshot shows the Apache NetBeans IDE interface with the file "DeleteEmployeeDetailsForm.java" open. The code is a Java Swing application for deleting employee details. It imports various Java.sql and javax.swing packages. The class "DeleteEmployeeDetailsForm" extends JFrame and contains methods for initializing components and setting up the window's behavior.

```
File Edit View Navigate Source Refactor Run Debug Profile Team Tools Window Help
JSV_PPA - Apache NetBeans IDE 16
Source Design History ...
File Edit View Navigate Source Refactor Run Debug Profile Team Tools Window Help
JSV_PPA.java x WelcomeForm.java x AdministratoreModeForm.java x AdministratoreForm.java x AddEmployeeForm.java x ModifyEmployeeDetailsForm.java x DeleteEmployeeDetailsForm.java x EmployeeDetailsForm.java x
Projects Sources Services
Source
1  /*
2  * Click nbfs://nbhost/SystemFileSystem/Templates/Licenses/license-default.txt to change this license
3  * Click nbfs://nbhost/SystemFileSystem/Templates/GUIForms/JFrame.java to edit this template
4  */
5 package JSV_PPA;
6
7 import java.sql.Connection;
8 import java.sql.DriverManager;
9 import java.sql.PreparedStatement;
10 import java.sql.ResultSet;
11 import java.sql.SQLException;
12 import java.sql.Statement;
13 import java.util.logging.Level;
14 import java.util.logging.Logger;
15 import javax.swing.JOptionPane;
16
17 /**
18  * @author Jillbert PC
19  */
20 public class DeleteEmployeeDetailsForm extends javax.swing.JFrame {
21
22     /**
23      * Creates new form DeleteEmployeeDetails
24      */
25     public DeleteEmployeeDetailsForm() {
26         initComponents();
27     }
28
29     /**
30      * This method is called from within the constructor to initialize the form.
31      * WARNING: Do NOT modify this code. The content of this method is always
32      * regenerated by the Form Editor.
33      */
34     @SuppressWarnings("unchecked")
35 // <editor-fold defaultstate="collapsed" desc="Generated Code">
36     private void initComponents() {
37
38         jLabel1 = new javax.swing.JLabel();
39         jLabel2 = new javax.swing.JLabel();
40         jLabel3 = new javax.swing.JLabel();
41         jLabel4 = new javax.swing.JLabel();
42         jLabel5 = new javax.swing.JLabel();
43         jLabel6 = new javax.swing.JLabel();
44         jLabel7 = new javax.swing.JLabel();
45         jLabel8 = new javax.swing.JLabel();
46         delete = new javax.swing.JButton();
47         clear = new javax.swing.JButton();
48         close = new javax.swing.JButton();
49
50         setDefaultCloseOperation(javax.swing.WindowConstants.EXIT_ON_CLOSE);
51
52         jLabel1.setFont(new java.awt.Font("Segoe UI Black", 0, 10)); // NOI18N
53
54     }
55
56     // Variables declaration - do not modify// 
```

```
11.JLabel1.setFont(new java.awt.Font("Segoe UI Black", 0, 18)); // NOI18N
12.JLabel1.setText("Delete Employee");
13.JLabel2.setFont(new java.awt.Font("Segoe UI Semibold", 0, 14)); // NOI18N
14.JLabel2.setText("Employee Number");
15.JLabel3.setFont(new java.awt.Font("Segoe UI Semibold", 0, 14)); // NOI18N
16.JLabel3.setText("Name");
17.JLabel4.setFont(new java.awt.Font("Segoe UI Semibold", 0, 14)); // NOI18N
18.JLabel4.setText("Address");
19.JButton1.setText("DELETE");
20.JButton1.addActionListener(new java.awt.event.ActionListener() {
21    public void actionPerformed(java.awt.event.ActionEvent evt) {
22        deleteActionPerformed(evt);
23    }
24});
25.JButton2.setText("CLEAR");
26.JButton2.addActionListener(new java.awt.event.ActionListener() {
27    public void actionPerformed(java.awt.event.ActionEvent evt) {
28        clearActionPerformed(evt);
29    }
30});
31.JButton3.setText("Close");
32.JButton3.addActionListener(new java.awt.event.ActionListener() {
33    public void actionPerformed(java.awt.event.ActionEvent evt) {
34        closeActionPerformed(evt);
35    }
36});
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File Edit View Navigate Source Refactor Run Debug Profile Team Tools Window Help JSV_FPA - Apache NetBeans IDE 16 Search (Ctrl+F) <default config> WelcomeForm.java AdministratorModeForm.java AdministratorForm.java AddEmployeeForm.java ModifyEmployeeDetailsForm.java DeleteEmployeeDetailsForm.java EmployeeDetailsForm.java Projects Services Navigation Help Source Design History File New Open Recent Favorites Favorites Help Projects Services Navigation Help Source Design History File New Open Recent Favorites Favorites
```

141  
142 try {  
143 Class.forName("com.mysql.cj.jdbc.Driver");  
144 } catch (ClassNotFoundException ex) {  
145 Logger.getLogger(AddEmployeeForm.class.getName()).log(Level.SEVERE, null, ex);  
146 }  
147  
148 String dbName = "payrollDB";  
149 boolean flag = true;  
150  
151 try {  
152 Connection con = DriverManager.getConnection("jdbc:mysql://localhost:3306/" + dbName, "root", "root");  
153 Statement st = con.createStatement();  
154 ResultSet rs = st.executeQuery("select enumber, name from payroll11");  
155  
156 while (rs.next()) {  
157 int ENUMBER = rs.getInt("enumber");  
158 String DBNAME = rs.getString("name");  
159  
160 if (ENUMBER == ENUM) && (NAME.equals(DBNAME)) {  
161 flag = false;  
162 }  
163 String sql = "DELETE FROM payroll11 WHERE enumber = ? AND name = ?";  
164 PreparedStatement ps = con.prepareStatement(sql);  
165 ps.setInt(1, ENUM);  
166 ps.setString(2, NAME);  
167 ps.execute();  
168 JOptionPane.showMessageDialog(parentComponent, "Employee's Details DELETED from DATABASE SUCCESSFULLY.");  
169 break;  
170 }  
171 rs.close();  
172 // JOptionPane.showMessageDialog(this, "Employee's Details Added to DATABASE SUCCESSFULLY.");  
173  
174 } catch (SQLException ex) {  
175 Logger.getLogger(AddEmployeeForm.class.getName()).log(Level.SEVERE, null, ex);  
176 }  
177  
178 if (flag) {  
179 JOptionPane.showMessageDialog(parentComponent, "Employee's E-Number does not exist on DATABASE.");  
180 }  
181  
182 private void clearActionPerformed(java.awt.event.ActionEvent evt) {  
183 // TODO add your handling code here:  
184 number.setText("");  
185 name.setText("");  
186 }  
187  
188 } Output 161 INS Unix (LF)

```
File Edit View Navigate Source Refactor Run Debug Profile Team Tools Window Help JSV_FPA - Apache NetBeans IDE 16 Search (Ctrl+F) <default config> WelcomeForm.java AdministratorModeForm.java AdministratorForm.java AddEmployeeForm.java ModifyEmployeeDetailsForm.java DeleteEmployeeDetailsForm.java EmployeeDetailsForm.java Projects Services Navigation Help Source Design History File New Open Recent Favorites Favorites Help Projects Services Navigation Help Source Design History File New Open Recent Favorites Favorites
```

188 if (flag) {  
189 JOptionPane.showMessageDialog(parentComponent, "Employee's E-Number does not exist on DATABASE.");  
190 }  
191  
192 private void clearActionPerformed(java.awt.event.ActionEvent evt) {  
193 // TODO add your handling code here:  
194 number.setText("");  
195 name.setText("");  
196 }  
197  
198 private void closeActionPerformed(java.awt.event.ActionEvent evt) {  
199 // TODO add your handling code here:  
200 AdministratorForm AForm = new AdministratorForm();  
201 AForm.setVisible(true);  
202 this.dispose();  
203 }  
204  
205 /\*\*  
206 \* @param args the command line arguments  
207 \*/  
208 public static void main(String args) {  
209 /\* Set the Nimbus look and feel \*/  
210 ~~Look and feel setting code (optional)~~  
211 /\*</editor-fold>  
212  
213 /\* Create and display the form \*/  
214 java.awt.EventQueue.invokeLater(new Runnable() {  
215 public void run() {  
216 new DeleteEmployeeDetailsForm().setVisible(true);  
217 }  
218 });  
219  
220 // Variables declaration - do not modify  
221 private javax.swing.JButton cancel;  
222 private javax.swing.JButton clear;  
223 private javax.swing.JButton delete;  
224 private javax.swing.JTextField enumber;  
225 private javax.swing.JLabel jLabel1;  
226 private javax.swing.JLabel jLabel2;  
227 private javax.swing.JLabel jLabel3;  
228 private javax.swing.JTextField name;  
229 // End of variables declaration  
230 }

231  
232 } Output 161 INS Unix (LF)