

```
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 Project;
6
7  import javax.swing.JOptionPane;
8
9  /**
10   *
11   * @author johnjimuel
12   */
13  public class Login extends javax.swing.JFrame {
14
15      /**
16       * Creates new form Login
17       */
18      public Login() {
19          initComponents();
20      }
21
22      /**
23       * This method is called from within the constructor to initialize the form.
24       * WARNING: Do NOT modify this code. The content of this method is always
25       * regenerated by the Form Editor.
26       */
27      @SuppressWarnings("unchecked")
28      // <editor-fold defaultstate="collapsed" desc="Generated Code">
29      private void initComponents() {
30
31          jLabel1 = new javax.swing.JLabel();
32          jLabel2 = new javax.swing.JLabel();
33          jLabel3 = new javax.swing.JLabel();
34          UsernameTxt = new javax.swing.JTextField();
35          LoginButton = new javax.swing.JButton();
36          ClearButton = new javax.swing.JButton();
37          PasswordTxt = new javax.swing.JPasswordField();
38          label3 = new javax.swing.JLabel();
39
40          setDefaultCloseOperation(javax.swing.WindowConstants.EXIT_ON_CLOSE);
41
```

```
42     jLabel1.setFont(new java.awt.Font("Segoe UI", 3, 36)); // NOI18N
43     jLabel1.setText("Facilities Scheduling System");
44
45     jLabel2.setFont(new java.awt.Font("Segoe UI", 1, 36)); // NOI18N
46     jLabel2.setText("Username:");
47
48     jLabel3.setFont(new java.awt.Font("Segoe UI", 1, 36)); // NOI18N
49     jLabel3.setText("Password:");
50
51     UsernameTxt.addActionListener(new java.awt.event.ActionListener() {
52         public void actionPerformed(java.awt.event.ActionEvent evt) {
53             UsernameTxtActionPerformed(evt);
54         }
55     });
56
57     LoginButton.setFont(new java.awt.Font("Segoe UI", 1, 18)); // NOI18N
58     LoginButton.setText("LOGIN");
59     LoginButton.addActionListener(new java.awt.event.ActionListener() {
60         public void actionPerformed(java.awt.event.ActionEvent evt) {
61             LoginButtonActionPerformed(evt);
62         }
63     });
64
65     ClearButton.setFont(new java.awt.Font("Segoe UI", 1, 18)); // NOI18N
66     ClearButton.setText("CLEAR");
67     ClearButton.addActionListener(new java.awt.event.ActionListener() {
68         public void actionPerformed(java.awt.event.ActionEvent evt) {
69             ClearButtonActionPerformed(evt);
70         }
71     });
72
73     PasswordTxt.addActionListener(new java.awt.event.ActionListener() {
74         public void actionPerformed(java.awt.event.ActionEvent evt) {
75             PasswordTxtActionPerformed(evt);
76         }
77     });
78
79     label3.setText(":");
80
81     javax.swing.GroupLayout layout = new javax.swing.GroupLayout(getContentPane());
82     getContentPane().setLayout(layout);
83     layout.setHorizontalGroup(
84         layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
```

```
85         .addGroup(javax.swing.GroupLayout.Alignment.TRAILING, layout.createSequentialGroup())
86         .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING)
87             .addGroup(layout.createSequentialGroup()
88                 .addGap(132, 132, 132)
89                 .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
90                     .addComponent(jLabel2)
91                     .addComponent(jLabel3))
92                 .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
93                 .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING, false)
94                     .addComponent(Usernametxt)
95                     .addComponent>Passwordtxt, javax.swing.GroupLayout.DEFAULT_SIZE, 235, Short.MAX_VALUE))
96                 .addGap(8, 8, 8))
97             .addGroup(layout.createSequentialGroup()
98                 .addGap(106, 106, 106)
99                 .addComponent(LoginButton, javax.swing.GroupLayout.PREFERRED_SIZE, 177,
javax.swing.GroupLayout.PREFERRED_SIZE)
100                 .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED, 183, Short.MAX_VALUE)
101                 .addComponent(ClearButton, javax.swing.GroupLayout.PREFERRED_SIZE, 216,
javax.swing.GroupLayout.PREFERRED_SIZE)))
102             .addGap(150, 150, 150))
103         .addGroup(layout.createSequentialGroup()
104             .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
105                 .addGroup(layout.createSequentialGroup()
106                     .addGap(171, 171, 171)
107                     .addComponent(jLabel1))
108                 .addGroup(layout.createSequentialGroup()
109                     .addGap(261, 261, 261)
110                     .addComponent(label3, javax.swing.GroupLayout.PREFERRED_SIZE, 277,
javax.swing.GroupLayout.PREFERRED_SIZE)))
111             .addContainerGap(javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE))
112     );
113     layout.setVerticalGroup(
114         layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
115         .addGroup(layout.createSequentialGroup()
116             .addGap(46, 46, 46)
117             .addComponent(jLabel1)
118             .addGap(78, 78, 78)
119             .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING)
120                 .addComponent(Usernametxt, javax.swing.GroupLayout.PREFERRED_SIZE, 48,
javax.swing.GroupLayout.PREFERRED_SIZE)
121                 .addComponent(jLabel2))
122             .addGap(116, 116, 116)
```

```
123         .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
124             .addComponent(jLabel3)
125             .addComponent>Passwordtxt, javax.swing.GroupLayout.PREFERRED_SIZE, 45,
javax.swing.GroupLayout.PREFERRED_SIZE))
126         .addGap(38, 38, 38)
127         .addComponent(label3, javax.swing.GroupLayout.PREFERRED_SIZE, 25,
javax.swing.GroupLayout.PREFERRED_SIZE)
128         .addGap(18, 18, 18)
129         .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
130             .addComponent(ClearButton, javax.swing.GroupLayout.PREFERRED_SIZE, 82,
javax.swing.GroupLayout.PREFERRED_SIZE)
131             .addComponent(LoginButton, javax.swing.GroupLayout.PREFERRED_SIZE, 82,
javax.swing.GroupLayout.PREFERRED_SIZE))
132         .addContainerGap(32, Short.MAX_VALUE))
133     );
134
135     pack();
136 }// </editor-fold>
137
138 private void ClearButtonActionPerformed(java.awt.event.ActionEvent evt) {
139     // TODO add your handling code here:
140     Usernametxt.setText("");
141     Passwordtxt.setText("");
142     label3.setText("");
143 }
144
145 private void PasswordtxtActionPerformed(java.awt.event.ActionEvent evt) {
146 }
147
148 private void UsernametxtActionPerformed(java.awt.event.ActionEvent evt) {
149 }
150
151 private void LoginButtonActionPerformed(java.awt.event.ActionEvent evt) {
152
153     String username = Usernametxt.getText();
154     String password = String.valueOf>Passwordtxt.getPassword());
155
156     if (username.equals("admin123") && password.equals("@dmin123")){
157         label3.setText("Login Succesful!");
158         Dashboard jf2 = new Dashboard();
159     }
```

```
162         jf2.show();
163         dispose();
164     }else{
165
166         JOptionPane.showMessageDialog(this,"INVALID USERNAME OR PASSWORD");
167     }
168 }
169
170 /**
171  * @param args the command line arguments
172  */
173 public static void main(String args[]) {
174     /* Set the Nimbus look and feel */
175     //<editor-fold defaultstate="collapsed" desc=" Look and feel setting code (optional) ">
176     /* If Nimbus (introduced in Java SE 6) is not available, stay with the default look and feel.
177      * For details see http://download.oracle.com/javase/tutorial/uiswing/lookandfeel/plaf.html
178      */
179     try {
180         for (javax.swing.UIManager.LookAndFeelInfo info : javax.swing.UIManager.getInstalledLookAndFeels()) {
181             if ("Nimbus".equals(info.getName())) {
182                 javax.swing.UIManager.setLookAndFeel(info.getClassName());
183                 break;
184             }
185         }
186     } catch (ClassNotFoundException ex) {
187         java.util.logging.Logger.getLogger(Login.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);
188     } catch (InstantiationException ex) {
189         java.util.logging.Logger.getLogger(Login.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);
190     } catch (IllegalAccessException ex) {
191         java.util.logging.Logger.getLogger(Login.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);
192     } catch (javax.swing.UnsupportedLookAndFeelException ex) {
193         java.util.logging.Logger.getLogger(Login.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);
194     }
195     //</editor-fold>
196
197     /* Create and display the form */
198     java.awt.EventQueue.invokeLater(new Runnable() {
199         public void run() {
200             new Login().setVisible(true);
201         }
202     });
203 }
204
```

```
205 // Variables declaration - do not modify
206 private javax.swing.JButton ClearButton;
207 private javax.swing.JButton LoginButton;
208 private javax.swing.JPasswordField Passwordtxt;
209 private javax.swing.JTextField UsernameTxt;
210 private javax.swing.JLabel jLabel1;
211 private javax.swing.JLabel jLabel2;
212 private javax.swing.JLabel jLabel3;
213 private javax.swing.JLabel label3;
214 // End of variables declaration
215 }
216
```