

Java - code/src/Samikshakadnor/LoginScreen.java - eclipse

File Edit Source Refactor Navigate Search Project Run Window Help

Package Explorer

- code
- src
 - Samikshakadnor
 - LoginScreen.java
- JRE System Library [JVMSE-1.7]

LoginScreen.java

```
package Samikshakadnor;

import java.awt.*;

class LoginException extends Exception {
    public LoginException(String message) {
        super(message);
    }
}

public class LoginScreen extends Frame implements ActionListener {
    Label l1, l2, message;
    TextField t1, t2;
    Button loginButton, clearButton;
    int attempts = 0;

    LoginScreen() {
        setLayout(new FlowLayout());

        l1 = new Label("Username:");
        t1 = new TextField(20);
        l2 = new Label("Password:");
        t2 = new TextField(20);
        t2.setEchoChar('*');

        loginButton = new Button("Login");
        clearButton = new Button("Clear");
        message = new Label();

        add(l1);
        add(t1);
        add(l2);
```

Task List

Find All Activate...

Connect Mylyn

Connect to your task and ALM tools or create a local task.

Outline

- Samikshakadnor
 - LoginException
 - LoginException(String)
 - LoginScreen
 - l1 Label
 - l2 Label
 - message Label
 - t1 TextField
 - t2 TextField
 - loginButton Button
 - clearButton Button
 - attempts int

Requires Declaration Console

LoginScreen (2) [Java Application] D:\eclipse-java-kepler-SR1-win32\eclipse\jre\bin\javaw.exe (Jan 9, 2008, 9:55:36 PM)

Writable Smart Insert 13:1

9:57 PM 1/9/2008





Package Explorer

- code
- src
 - Samikshakadnor
 - LoginScreen.java
 - JRE System Library [JavaSE-1.7]

LoginScreen.java

```
message = new Label();

add(l1);
add(t1);
add(l2);
add(t2);
add(loginButton);
add(clearButton);
add(message);

loginButton.addActionListener(this);
clearButton.addActionListener(this);

setTitle("Login Screen");
setSize(300, 200);
setVisible(true);

addWindowListener(new WindowAdapter() {
    public void windowClosing(WindowEvent we) {
        dispose();
    }
});

public void actionPerformed(ActionEvent ae) {
    if (ae.getSource() == loginButton) {
        try {
            String username = t1.getText();
            String password = t2.getText();

            if (username.equals(password)) {
                message.setText("Login Successful!");
            } else {
                attempts++;
            }
        }
    }
}
```

Quick Access

Task List

Find

All Activate...

Connect Mylyn

[Connect](#) to your task and ALM tools or
[create a local task.](#)

Outline

- Samikshakadnor
- LoginException
- LoginException(String)
- LoginScreen
 - l1 : Label
 - l2 : Label
 - message : Label
 - t1 : TextField
 - t2 : TextField
 - loginButton : Button
 - clearButton : Button
 - attempts : int

Problems Javadoc Declaration Console

LoginScreen (2) [Java Application] D:\eclipse-java-kepler-SR1-win32\eclipse\jre\bin\javaw.exe (Jan 9, 2008, 9:55:36 PM)





LoginScreen.java

```
    }  
    }  
  
    public void actionPerformed(ActionEvent ae) {  
        if (ae.getSource() == loginButton) {  
            try {  
                String username = t1.getText();  
                String password = t2.getText();  
  
                if (username.equals(password)) {  
                    message.setText("Login Successful!");  
                } else {  
                    attempts++;  
                    throw new LoginException("Username and Password must be the same! Attempts left: " + attempts);  
                }  
  
                if (attempts >= 3) {  
                    loginButton.setEnabled(false);  
                    message.setText("Maximum attempts exceeded!");  
                }  
            } catch (LoginException e) {  
                message.setText(e.getMessage());  
            }  
        } else if (ae.getSource() == clearButton) {  
            t1.setText("");  
            t2.setText("");  
            message.setText("");  
        }  
    }  
  
    public static void main(String[] args) {  
        new LoginScreen();  
    }  
}
```

Quick Access

Task List



Find All Activate...

① Connect Mylyn

[Connect](#) to your task and ALM tools or
[create a local task.](#)

Outline



- Samikshakadnor
 - LoginException
 - LoginException(String)
 - LoginScreen
 - t1 : Label
 - t2 : Label
 - message : Label
 - t1 : TextField
 - t2 : TextField
 - loginButton : Button
 - clearButton : Button
 - attempts : int

Problems @ Javadoc Declaration Console

LoginScreen (2) [Java Application] D:\eclipse-java-kepler-SR1-win32\ eclipse\jre\bin\javaw.exe (Jan 9, 2008, 9:55:36 PM)



Login Screen

Username: Samiksha

Password: *****

Login Clear U:

Project Run Window Help

Quick Access

Task List

Find All Activate...

Connect Mylyn

Connect to your task and ALM tools or create a local task.

Outline

- Samikshakadnor
 - LoginException
 - LoginException(String)
 - LoginScreen
 - l1 : Label
 - l2 : Label
 - message : Label
 - t1 : TextField
 - t2 : TextField
 - loginButton : Button
 - clearButton : Button
 - attempts : int

```
package Samikshakadnor;

import java.awt.*;

class LoginException extends Exception {
    public LoginException(String message) {
        super(message);
    }
}

public class LoginScreen extends Frame implements ActionListener {
    Label l1, l2, message;
    TextField t1, t2;
    Button loginButton, clearButton;
    int attempts = 0;

    LoginScreen() {
        setLayout(new FlowLayout());

        l1 = new Label("Username:");
        t1 = new TextField(20);
        l2 = new Label("Password:");
        t2 = new TextField(20);
        t2.setEchoChar('*');

        loginButton = new Button("Login");
        clearButton = new Button("Clear");
        message = new Label();

        add(l1);
        add(t1);
        add(l2);
```

Problems @ Javadoc Declaration Console

LoginScreen (2) [Java Application] D:\eclipse-java-kepler-SR1-win32\ eclipse\jre\bin\javaw.exe (Jan 9, 2008, 9:55:36 PM)

Writable Smart Insert 81:1

9:55 PM 1/9/2008

