**JAVA_Assignment 24**

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**SOURCE CODE:**

```java
import java.awt.EventQueue;

import javax.swing.JFrame;
import javax.swing.JLabel;
import javax.swing.JOptionPane;

import java.awt.BorderLayout;
import java.awt.FlowLayout;
import java.awt.Font;
import java.awt.SystemColor;
import javax.swing.JTextField;
import java.awt.Button;
import java.awt.event.ActionListener;
import java.awt.event.ActionEvent;
import javax.swing.JPasswordField;

public class MyApplicationLogin {

	private JFrame frame;
	private JTextField textField;
	private JTextField textField_2;
	private JLabel lblNewLabel_1;
	private JPasswordField passwordField;

	/**
	 * Launch the application.
	 */
	public static void main(String[] args) {
		EventQueue.invokeLater(new Runnable() {
			public void run() {
```

```java
                        try {
                                MyApplicationLogin window = new MyApplicationLogin();
                                window.frame.setVisible(true);
                        } catch (Exception e) {
                                e.printStackTrace();
                        }
                }
        });
}

/**
 * Create the application.
 */
public MyApplicationLogin() {
        initialize();
}

/**
 * Initialize the contents of the frame.
 */
private void initialize() {
        frame = new JFrame("ENTRY WINDOW");
        frame.setBounds(100, 100, 550, 300);
        frame.setDefaultCloseOperation(JFrame.EXIT_ON_CLOSE);
        frame.getContentPane().setLayout(null);

        JLabel lblNewLabel = new JLabel("Username");
        lblNewLabel.setBounds(10, 91, 76, 21);
        lblNewLabel.setFont(new Font("Comic Sans MS", Font.PLAIN, 16));
        frame.getContentPane().add(lblNewLabel);

        JLabel lblPassword = new JLabel("Password");
        lblPassword.setFont(new Font("Comic Sans MS", Font.PLAIN, 16));
        lblPassword.setBounds(10, 122, 76, 21);
        frame.getContentPane().add(lblPassword);

        JLabel lblUsername = new JLabel("PRN");
        lblUsername.setForeground(SystemColor.inactiveCaptionText);
```

```java
lblUsername.setFont(new Font("Comic Sans MS", Font.PLAIN, 16));
lblUsername.setBounds(10, 155, 76, 21);
frame.getContentPane().add(lblUsername);

textField = new JTextField();
textField.setBounds(146, 95, 96, 19);
frame.getContentPane().add(textField);
textField.setColumns(10);

textField_2 = new JTextField();
textField_2.setColumns(10);
textField_2.setBounds(146, 159, 96, 19);
frame.getContentPane().add(textField_2);

lblNewLabel_1 = new JLabel("WELCOME !!!");
lblNewLabel_1.setFont(new Font("Stylus BT", Font.BOLD, 20));
lblNewLabel_1.setBounds(212, 10, 126, 37);
frame.getContentPane().add(lblNewLabel_1);

Button button = new Button("Login");
button.addActionListener(new ActionListener() {
        public void actionPerformed(ActionEvent e) {
                JOptionPane.showMessageDialog(null, "Welcome, "+
textField.getText());
        }
});
button.setBackground(SystemColor.textHighlightText);
button.setFont(new Font("Aparajita", Font.PLAIN, 16));
button.setBounds(235, 201, 76, 28);
frame.getContentPane().add(button);

passwordField = new JPasswordField();
passwordField.setBounds(146, 126, 96, 19);
frame.getContentPane().add(passwordField);
}
```

}

ENTRY WINDOW

# WELCOME !!!

Username    Divya

Password    ••••••

PRN    0120190122

Login

ENTRY WINDOW

Username

Password

PRN

Message

Welcome, Divya

OK