

```
//Employee Registration Form
```

```
import javax.swing.ButtonGroup;
import javax.swing.JFrame;
import javax.swing.JLabel;
import javax.swing.JOptionPane;
import javax.swing.JTextField;
import javax.swing.JRadioButton;
import javax.swing.JComboBox;
import java.awt.Font;
import java.awt.event.ActionEvent;
import java.awt.event.ActionListener;
import java.util.Arrays;
import javax.swing.JPasswordField;
import javax.swing.JButton;
```

```
public class EmployeeRegistration extends JFrame implements ActionListener {
```

```
    String[] Day1= {"Day", "1", "2", "3", "4", "5", "6", "7", "8", "9", "10", "11", "12", "13", "14", "15",
"16", "17", "18", "19", "20", "21", "22", "23", "24", "25", "26", "27", "28", "29", "30"};
    String[] month1= {"Month", "January", "February", "March", "April", "May", "June", "July",
"August", "September", "October", "November", "December"};
    String[] year1= {"Year", "1970", "1971", "1972", "1973", "1974", "1975", "1976", "1977",
"1978", "1979", "1980", "1981", "1982", "1983", "1984", "1985", "1986", "1987", "1988", "1989",
"1990", "1991", "1992", "1993", "1994", "1995"};
```

```
private JFrame frame;
public JPasswordField getPasswordField() {
    return passwordField;
}
```

```
public void setPasswordField(JPasswordField passwordField) {
    this.passwordField = passwordField;
}
```

```
private JTextField txtMiddleName;
```

```
private JTextField txtLastName;
private JTextField txtEmpFName;
```

```
    ButtonGroup bg = new ButtonGroup();
    private JTextField txtEmpid;
public JTextField UID;
    JButton btnNewButton;
    JButton btnCancel;
    public JTextField getTextField() {
        return txtMiddleName;
    }

    public void setTextField(JTextField textField) {
        this.txtMiddleName = textField;
    }

    EmployeeRegistration window;
    private JPasswordField passwordField;
```

```
public static void main(String[] args) {

    try {
        EmployeeRegistration window = new EmployeeRegistration();
        window.frame.setVisible(true);
        window.pack();
    } catch (Exception e) {
        e.printStackTrace();
    }
}

public EmployeeRegistration() {
    initialize();
}

private void initialize() {
    frame = new JFrame();
    frame.setBounds(100, 100, 450, 468);
    frame.setDefaultCloseOperation(JFrame.EXIT_ON_CLOSE);
    frame.getContentPane().setLayout(null);
    JLabel lblFirstName = new JLabel("First Name");
    lblFirstName.setBounds(44, 94, 76, 14);
    frame.getContentPane().add(lblFirstName);
```

```
txtMiddleName = new JTextField();
txtMiddleName.setBounds(159, 116, 180, 20);
frame.getContentPane().add(txtMiddleName);
txtMiddleName.setColumns(10);
JLabel lblMiddleName = new JLabel("Middle Name");
lblMiddleName.setBounds(44, 119, 76, 14);
frame.getContentPane().add(lblMiddleName);
JLabel lblLastName = new JLabel("Last Name");
lblLastName.setBounds(44, 144, 92, 14);
frame.getContentPane().add(lblLastName);
txtLastName = new JTextField();
txtLastName.setBounds(159, 141, 180, 20);
frame.getContentPane().add(txtLastName);
txtLastName.setColumns(10);
JLabel lblNewLabel_3 = new JLabel("Employee Registration Form");
lblNewLabel_3.setFont(new Font("Tahoma", Font.PLAIN, 15));
lblNewLabel_3.setBounds(115, 11, 200, 50);
frame.getContentPane().add(lblNewLabel_3);
txtEmpFName = new JTextField();
txtEmpFName.setColumns(10);
txtEmpFName.setBounds(159, 91, 180, 20);
frame.getContentPane().add(txtEmpFName);
JLabel lblSex = new JLabel("Gender");
lblSex.setBounds(44, 174, 92, 14);
frame.getContentPane().add(lblSex);
JRadioButton rdbtnMale = new JRadioButton("Male");
rdbtnMale.setBounds(169, 168, 60, 23);
frame.getContentPane().add(rdbtnMale);
bg.add(rdbtnMale);
JRadioButton rdbtnFemale = new JRadioButton("Female");
rdbtnFemale.setBounds(240, 168, 75, 23);
frame.getContentPane().add(rdbtnFemale);
bg.add(rdbtnFemale);
JLabel lblDateOfBirth = new JLabel("Date OF Birth");
lblDateOfBirth.setBounds(44, 210, 92, 9);
frame.getContentPane().add(lblDateOfBirth);
JComboBox Day = new JComboBox (Day1);
Day.setBounds(156, 204, 51, 20);
frame.getContentPane().add(Day);
JComboBox Month = new JComboBox (month1);

Month.setBounds(217, 204, 83, 20);
frame.getContentPane().add(Month);
JComboBox Year = new JComboBox (year1);
```

```

Year.setBounds(311, 204, 60, 20);
frame.getContentPane().add(Year);
JLabel lblEmployeeId = new JLabel("Employee ID");
lblEmployeeId.setBounds(44, 67, 76, 14);
frame.getContentPane().add(lblEmployeeId);
txtEmpid = new JTextField();
txtEmpid.setColumns(10);
txtEmpid.setBounds(159, 60, 180, 20);
frame.getContentPane().add(txtEmpid);
JLabel lblUserId = new JLabel("User ID");
lblUserId.setBounds(44, 248, 76, 14);
frame.getContentPane().add(lblUserId);
UID = new JTextField();
UID.setColumns(10);
UID.setBounds(159, 245, 180, 20);
frame.getContentPane().add(UID);
JLabel lblPassword = new JLabel("PassWord");
lblPassword.setBounds(44, 296, 76, 14);
frame.getContentPane().add(lblPassword);
btnNewButton = new JButton("Submit");
btnNewButton.setBounds(159, 360, 89, 23);
frame.getContentPane().add(btnNewButton);
btnNewButton.addActionListener(this);
btnCancel = new JButton("Cancel");
btnCancel.setBounds(258, 360, 89, 23);
frame.getContentPane().add(btnCancel);
btnCancel.addActionListener(this);
passwordField = new JPasswordField();
passwordField.setEchoChar('*');
passwordField.setBounds(159, 293, 180, 20);
frame.getContentPane().add(passwordField);
//actionlogin();
}

private static boolean isPasswordCorrect(char[] input) {
    boolean isCorrect = true;
    char[] correctPassword = { 'P', 'a', 's', 's', 'w', 'o', 'r', 'd' };

    if (input.length != correctPassword.length) {
        isCorrect = false;
    } else {
        isCorrect = Arrays.equals(input, correctPassword);
    }
}

```

```

    Arrays.fill(correctPassword,'0');

    return isCorrect;
}

public void actionPerformed(ActionEvent evt) {

String puname = UID.getText();
char[] ppasswd = passwordField.getPassword();
if(evt.getActionCommand().equals("Submit"))
{
if(puname.equalsIgnoreCase("UserName") && isPasswordCorrect(ppaswd)) {
Login log=new Login();
log.getFrame().setVisible(true);
dispose();
} else {

JOptionPane.showMessageDialog(null,"Wrong Password / Username");
UID.setText("");
passwordField.setText(" ");
UID.requestFocus();
}
if(evt.getActionCommand().equals("Cancel"))
{
frame.setVisible(false);
}

}
}
}

```

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```

import java.awt.EventQueue;
import java.awt.TextField;

import javax.swing.JFrame;
import javax.swing.JLabel;
import javax.annotation.Resource;
import javax.swing.JButton;
import javax.swing.JOptionPane;
import javax.swing.JPanel;

```

```

import javax.swing.JTextField;
import javax.swing.JPasswordField;

import java.awt.event.*;
import java.util.Arrays;
import java.awt.Font;

public class Login extends JFrame implements ActionListener {

private JFrame frmLogin;
private JTextField UserID;
private JPasswordField passwordField;
JButton submit;
JButton Cancel;
EmployeeRegistration er;

newFrame regFace;
/**
 * Launch the application.
 */
public static void main(String[] args) {

try{
Login window = new Login();
window.frmLogin.setVisible(true);
window.pack();
} catch (Exception e) {
e.printStackTrace();
}
}

/**
 * Create the application.
 */
public Login() {
super("Login");
initialize();
}

/**
 * Initialize the contents of the frame.
 */
private void initialize() {
//JPanel panel=new JPanel();

frmLogin = new JFrame();
frmLogin.setTitle("Login ");
er=new EmployeeRegistration();
frmLogin.setBounds(100, 100, 450, 300);
frmLogin.setDefaultCloseOperation(JFrame.EXIT_ON_CLOSE);
frmLogin.getContentPane().setLayout(null);

```

```

JLabel label = new JLabel("User ID");
label.setBounds(45, 58, 76, 14);
frmLogin.getContentPane().add(label);
Cancel = new JButton("Cancel");
Cancel.setBounds(259, 159, 89, 23);
frmLogin.getContentPane().add(Cancel);
Cancel.addActionListener(this);
UserID = new JTextField();
UserID.setColumns(10);
UserID.setBounds(149, 55, 180, 20);
frmLogin.getContentPane().add(UserID);
JLabel label_1 = new JLabel("Password");
label_1.setBounds(45, 110, 76, 14);
frmLogin.getContentPane().add(label_1);
passwordField = new JPasswordField();
passwordField.setEchoChar('*');
passwordField.setBounds(149, 106, 180, 23);
frmLogin.getContentPane().add(passwordField);
submit = new JButton("Submit");
submit.setBounds(160, 159, 89, 23);
frmLogin.getContentPane().add(submit);
submit.addActionListener(this);
JLabel lblNewLabel = new JLabel("New label");
lblNewLabel.setBounds(94, 22, 195, -1);
frmLogin.getContentPane().add(lblNewLabel);
JLabel lblNewLabel_1 = new JLabel("Login Form");
lblNewLabel_1.setFont(new Font("Tahoma", Font.PLAIN, 15));
lblNewLabel_1.setBounds(149, 22, 123, 22);
frmLogin.getContentPane().add(lblNewLabel_1);

}

public JFrame getFrame() {
    return frmLogin;
}

public void setFrame(JFrame frame) {
    this.frmLogin = frame;
}

private static boolean isPasswordCorrect(char[] input) {
    boolean isCorrect = true;
    char[] correctPassword = { 'P', 'a', 's', 's', 'w', 'o', 'r', 'd' };

    if (input.length != correctPassword.length) {
        isCorrect = false;
    } else {
        isCorrect = Arrays.equals(input, correctPassword);
    }

    //Zero out the password.
    Arrays.fill(correctPassword, '0');

    return isCorrect;
}

```

```

public void actionPerformed(ActionEvent evt) {

    String usernameLogin=UserID.getText();
    char [] passwordLogin=passwordField.getPassword();

    if(evt.getActionCommand().equals("Submit"))
        {
            if(usernameLogin.equalsIgnoreCase("UserName") &&
isPasswordCorrect(passwordLogin))
{ regFace =new newFrame();
regFace.setVisible(true);
dispose();
} else {

JOptionPane.showMessageDialog(null,"Wrong Password / Username");
UserID.setText("");
passwordField.setText("");
UserID.requestFocus();
}

                if(evt.getActionCommand().equals("Cancel"))
                    frmLogin.setVisible(false);
            }

}
}

```

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```

import javax.swing.*;
import java.awt.*;
import java.awt.event.*;

```

```

public class newFrame extends JFrame {

EmployeeRegistration er = new EmployeeRegistration();
String message=er.getTextField().getText();
public static void main(String[] args) {
newFrame frameTabel = new newFrame();
}

```

```

JLabel welcome = new JLabel("Welcome"+message);

```

```

JPanel panel = new JPanel();

```



```
newFrame(){
super("Welcome");
setSize(300,200);
setLocation(500,280);
panel.setLayout (null);

welcome.setBounds(70,55,71,47);

panel.add(welcome);

getContentPane().add(panel);
setDefaultCloseOperation(JFrame.EXIT_ON_CLOSE);
setVisible(true);
}

}
```