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BSIT 2-1

STUDENT LOGIN CODE

```
import java.awt.Color;
import java.awt.Cursor;
import java.awt.event.ActionEvent;
import java.awt.event.ActionListener;
import java.awt.Font;
import java.awt.event.MouseAdapter;
import java.awt.event.MouseEvent;
import javax.swing.*;
//import javax.swing.event.HyperlinkEvent;
//import javax.swing.event.HyperlinkListener;

public final class StudentLogin extends JFrame implements ActionListener{

    // JavaSwing Components
    JFrame jf_SLogin_form, TnC_frame;
    JLabel SSFHead, FN, PW, Tnctext;
    JPasswordField Passwordfield;
    JTextField Username;
    JButton Login, ForgotPW;
    JCheckBox ShowPW, AcceptTnC;
    String text = "Terms & Conditions";
```

```
JLabel TnC = new JLabel(text);
```

```
// Constructor
```

```
StudentLogin(){
```

```
// Calling the Method/s
```

```
    Loginform();
```

```
}
```

```
// Loginform() Method
```

```
public void Loginform(){
```

```
// JFrame/& title
```

```
jf_SLogin_form = new JFrame("Login Form");
```

```
jf_SLogin_form.setSize(600, 400);
```

```
jf_SLogin_form.setLocationRelativeTo(null);
```

```
jf_SLogin_form.setLayout(null);
```

```
jf_SLogin_form.setDefaultCloseOperation(JFrame.EXIT_ON_CLOSE);
```

```
// Teacher Login JLabel
```

```
SSFHead = new JLabel("Student Log-in");
```

```
SSFHead.setBounds(250, 20, 150,30);
```

```
jf_SLogin_form.add(SSFHead);
```

```
// JLabel & JTextField
```

```
FN = new JLabel("Username: ");
FN.setBounds(150,10, 120,135);
jf_SLogin_form.add(FN);
Username = new JTextField();
Username.setBounds(230, 70, 200, 20);
jf_SLogin_form.add(Username);
```

```
// JLabel & JPasswordField
PW = new JLabel("Password: ");
PW.setBounds(150,100, 120,40);
jf_SLogin_form.add(PW);
Passwordfield = new JPasswordField();
Passwordfield.setBounds(230, 112, 200, 20);
jf_SLogin_form.add>Passwordfield);
```

```
// showPW JCheckbox
ShowPW = new JCheckBox("Show Password");
ShowPW.setFont(new Font("Arial", Font.PLAIN, 10));
ShowPW.setBounds(227, 135, 100, 20);
ShowPW.addActionListener(this);
jf_SLogin_form.add>ShowPW);
```

```
// Login Button
Login = new JButton("Login");
```

```
Login.setFont(new Font("Arial", Font.PLAIN, 10));
```

```
Login.setBounds(230, 160, 70, 20);
```

```
Login.addActionListener(this);
```

```
jf_SLogin_form.add(Login);
```

```
// ForgotPW Button
```

```
ForgotPW = new JButton("Forgot Password");
```

```
ForgotPW.setFont(new Font("Arial", Font.PLAIN, 10));
```

```
ForgotPW.setBounds(303, 160, 127, 20);
```

```
ForgotPW.addActionListener(this);
```

```
jf_SLogin_form.add(ForgotPW);
```

```
// Accept Terms and Condition JCheckbox
```

```
AcceptTnC = new JCheckBox("By using this app/site, you understood and agree  
to the");
```

```
AcceptTnC.setFont(new Font("Arial", Font.PLAIN, 10));
```

```
AcceptTnC.setBounds(150, 185, 500, 20);
```

```
AcceptTnC.addActionListener(this);
```

```
jf_SLogin_form.add(AcceptTnC);
```

```
// TnC JLabel
```

```
TnC.setBounds(230, 200, 100, 20);
```

```
TnC.setFont(new Font("Arial", Font.PLAIN, 10));
```

```
TnC.setForeground(Color.BLUE.darker());
```

```
// TnC JLabel link. Upon Clicking, TnC Contents will appear
```

```
TnC.setCursor(new Cursor(Cursor.HAND_CURSOR));
```

```
TnC.addMouseListener(new MouseAdapter() {
```

```
    // Use Override to eliminate possible opening of same methods with the  
    same name
```

```
    @Override
```

```
    public void mouseExited(MouseEvent ME) {
```

```
        TnC.setText(text);
```

```
    }
```

```
    @Override
```

```
    public void mouseClicked(MouseEvent e) {
```

```
        TnC.setText("<html><a href='>" + text + "</a></html>");
```

```
        TnC_frame=new JFrame("EmE");
```

```
        TnC_frame.setBounds(0, 0, 500, 300);
```

```
        TnC_frame.setLayout(null);
```

```
        TnC_frame.setBackground(Color.BLACK);
```

```
        Tnctext = new JLabel("EME LUNGS");
```

```
        Tnctext.setBounds(205, 80, 150, 50);
```

```
        Tnctext.setFont(new Font("Arial", Font.PLAIN, 10));
```

```
        Tnctext.setBackground(Color.BLACK);
```

```
        TnC_frame.add(Tnctext);
```

```
        TnC_frame.setVisible(true);
```

```
    }
```

```
});
```

```
jf_SLogin_form.add(TnC);
```

```
jf_SLogin_form.setVisible(true);  
}
```

```
@Override
```

```
public void actionPerformed(ActionEvent AE)
```

```
{
```

```
    var UserName = Username.getText();
```

```
    var Password = Passwordfield.getText();
```

```
    if (AE.getSource() == Login)
```

```
    {
```

```
        if (UserName.equalsIgnoreCase("Student")
```

```
            && Password.equalsIgnoreCase("Student123")
```

```
            && AcceptTnC.isSelected())
```

```
        {
```

```
            System.out.println(new StudentInformation2());
```

```
            jf_SLogin_form.dispose();
```

```
        }
```

```
    else if (!UserName.equalsIgnoreCase("Student")
```

```
        && !Password.equalsIgnoreCase("Student123")
```

```
        && !AcceptTnC.isSelected())
```

```

        {JOptionPane.showMessageDialog(this,"Invalid Username or Password!);}
        else if (!AcceptTnC.isSelected())
        {JOptionPane.showMessageDialog(this,"Please Read & Accept Terms and
Conditions.");}
        else
        {JOptionPane.showMessageDialog(this,"Invalid Username or Password!);}
    }

    else if (AE.getSource() == ShowPW)
    {
        if (ShowPW.isSelected())
        {Passwordfield.setEchoChar((char) 0);}
        else
        {Passwordfield.setEchoChar('•');}
    }
}
}

```

STUDENT INFORMATION CODE

```

import javax.swing.*.*;

public class StudentInformation2 {
    public StudentInformation2(){
        JFrame jf = new JFrame("Student Information.");
        jf.setSize(1200, 850);
        jf.setLocationRelativeTo(null);
    }
}

```

```
jf.setLayout(null);  
jf.setDefaultCloseOperation(JFrame.EXIT_ON_CLOSE);
```

```
JLabel SI, G, SID, N, S, FS, SS;
```

```
SI = new JLabel("Students Information");
```

```
SI.setBounds(10, 10, 150,30);
```

```
jf.add(SI);
```

```
SID = new JLabel("Student'sID");
```

```
SID.setBounds(10, 50, 80,30);
```

```
jf.add(SID);
```

```
N = new JLabel("Name");
```

```
N.setBounds(160, 50, 60,30);
```

```
jf.add(N);
```

```
S = new JLabel("Grade & Section");
```

```
S.setBounds(300, 50, 130,30);
```

```
jf.add(S);
```

```
FS = new JLabel("Birthday");
```

```
FS.setBounds(450, 50, 160,30);
```

```
jf.add(FS);
```

```
SS = new JLabel("Age");
```

```
SS.setBounds(580, 50, 150,30);
```

```
jf.add(SS);
```

```
S = new JLabel("Contact No.");
```



```
S.setBounds(650, 50, 160,30);
```

```
jf.add(S);
```

```
N = new JLabel("Address");
```

```
N.setBounds(800, 50, 180,30);
```

```
jf.add(N);
```

```
JLabel Sid1,Sid2,Sid3,Sid4,Sid5;
```

```
Sid1 = new JLabel("2021-00404-BN-1");
```

```
Sid1.setBounds(10, 80, 130,30);
```

```
jf.add(Sid1);
```

```
Sid2 = new JLabel("2021-00404-BN-2");
```

```
Sid2.setBounds(10, 110, 130,30);
```

```
jf.add(Sid2);
```

```
Sid3 = new JLabel("2021-00404-BN-3");
```

```
Sid3.setBounds(10, 140, 130,30);
```

```
jf.add(Sid3);
```

```
Sid4 = new JLabel("2021-00404-BN-4");
```

```
Sid4.setBounds(10, 170, 130,30);
```

```
jf.add(Sid4);
```

```
Sid5 = new JLabel("2021-00404-BN-5");
```

```
Sid5.setBounds(10, 200, 130,30);
```

```
jf.add(Sid5);
```

```
JLabel Name1,Name2,Name3,Name4,Name5;
```

```
Name1 = new JLabel("Baet Jaspher");
```

```
Name1.setBounds(160, 80, 100,30);
```

```
jf.add(Name1);
```

```
Name2 = new JLabel("Malana Danica");
```

```
Name2.setBounds(160, 110, 100,30);
```

```
jf.add(Name2);
```

```
Name3 = new JLabel("Diolata Irish");
```

```
Name3.setBounds(160, 140, 100,30);
```

```
jf.add(Name3);
```

```
Name4 = new JLabel("Sison Patricia");
```

```
Name4.setBounds(160, 170, 100,30);
```

```
jf.add(Name4);
```

```
Name5 = new JLabel("Remolacio JC");
```

```
Name5.setBounds(160, 200, 100,30);
```

```
jf.add(Name5);
```

```
JLabel BSIT1,BSIT2,BSIT3,BSIT4,BSIT5;
```

```
BSIT1 = new JLabel("BSIT 2-1");
```

```
BSIT1.setBounds(300, 80, 100,30);
```

```
jf.add(BSIT1);  
BSIT2 = new JLabel("BSIT 2-1");  
BSIT2.setBounds(300, 110, 100,30);  
jf.add(BSIT2);  
BSIT3 = new JLabel("BSIT 2-1");  
BSIT3.setBounds(300, 140, 100,30);  
jf.add(BSIT3);  
BSIT4 = new JLabel("BSIT 2-1");  
BSIT4.setBounds(300, 170, 100,30);  
jf.add(BSIT4);  
BSIT5 = new JLabel("BSIT 2-1");  
BSIT5.setBounds(300, 200, 100,30);  
jf.add(BSIT5);
```

```
JLabel Birthday1,Birthday2,Birthday3,Birthday4,Birthday5;
```

```
BSIT1 = new JLabel("October 9,2002");  
BSIT1.setBounds(440, 80, 100,30);  
jf.add(BSIT1);  
BSIT2 = new JLabel("February 2,2003");  
BSIT2.setBounds(440, 110, 100,30);  
jf.add(BSIT2);  
BSIT3 = new JLabel("May 4,2003");  
BSIT3.setBounds(440, 140, 100,30);
```

```
jf.add(BSIT3);  
BSIT4 = new JLabel("August 14,2001");  
BSIT4.setBounds(440, 170, 100,30);  
jf.add(BSIT4);  
BSIT5 = new JLabel("November 17,2002");  
BSIT5.setBounds(440, 200, 120,30);  
jf.add(BSIT5);
```

```
JLabel Age1,Age2,Age3,Age4,Age5;
```

```
BSIT1 = new JLabel("20");  
BSIT1.setBounds(580, 80, 100,30);  
jf.add(BSIT1);  
BSIT2 = new JLabel("20");  
BSIT2.setBounds(580, 110, 100,30);  
jf.add(BSIT2);  
BSIT3 = new JLabel("20");  
BSIT3.setBounds(580, 140, 100,30);  
jf.add(BSIT3);  
BSIT4 = new JLabel("21");  
BSIT4.setBounds(580, 170, 100,30);  
jf.add(BSIT4);  
BSIT5 = new JLabel("20");  
BSIT5.setBounds(580, 200, 120,30);
```

```
jf.add(BSIT5);
```

```
JLabel ContactNo1,ContactNo2,ContactNo3,ContactNo4,ContactNo5;
```

```
BSIT1 = new JLabel("09480711150");
```

```
BSIT1.setBounds(650, 80, 100,30);
```

```
jf.add(BSIT1);
```

```
BSIT2 = new JLabel("09458231439");
```

```
BSIT2.setBounds(650, 110, 100,30);
```

```
jf.add(BSIT2);
```

```
BSIT3 = new JLabel("09128803234");
```

```
BSIT3.setBounds(650, 140, 100,30);
```

```
jf.add(BSIT3);
```

```
BSIT4 = new JLabel("09397253256");
```

```
BSIT4.setBounds(650, 170, 100,30);
```

```
jf.add(BSIT4);
```

```
BSIT5 = new JLabel("09108600093");
```

```
BSIT5.setBounds(650, 200, 120,30);
```

```
jf.add(BSIT5);
```

```
JLabel Address1,Address2,Address3,Address4,Address5;
```

```
BSIT1 = new JLabel("Malaban Ilaya St. Zone 5 Biñan Laguna");
```

```
BSIT1.setBounds(800, 80, 350,30);
```

```
jf.add(BSIT1);

BSIT2 = new JLabel("878, Purok 7 Gulod Cabuyao Laguna");
BSIT2.setBounds(800, 110, 350,30);
jf.add(BSIT2);

BSIT3 = new JLabel("Purok 3 Blk 3 Lot 10 Jonelta Housing Sto. Niño Biñan Laguna");
BSIT3.setBounds(800, 140, 350,30);
jf.add(BSIT3);

BSIT4 = new JLabel("2896 Sta. Teresita St. Almeda Subd. Dela Paz Biñan Laguna");
BSIT4.setBounds(800, 170, 350,30);
jf.add(BSIT4);

BSIT5 = new JLabel("354 Sacatero St. Canlalay Biñan Laguna");
BSIT5.setBounds(800, 200, 350,30);
jf.add(BSIT5);


jf.setVisible(true);
}
}
```