```java
//          -------------------------------- CLASS DEMOFRAME
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package com.cisco.ubin;
import javax.swing.JFrame;
import javax.swing.JLabel;
import javax.swing.JTextField;
import javax.swing.JPasswordField;
import javax.swing.JButton;
import java.awt.event.ActionListener;
import java.awt.event.ActionEvent;
import java.sql.Connection;
import java.sql.DriverManager;
import java.sql.SQLException;
import java.sql.ResultSet;
import java.sql.PreparedStatement;
class DemoFrame implements ActionListener
{
    JFrame frame = null;
    JLabel lblUserName = null;
    JLabel lblPassword = null;
    JTextField txtfldUserName = null;
    JPasswordField txtfldPassword = null;
    JButton btnlogin = null;
    JButton btncancel = null;

    DemoFrame()
    {
        frame = new JFrame("Login");
        frame.setSize(430,250);
        frame.setLocation(500,100);
        frame.setResizable(false);
        frame.setDefaultCloseOperation(JFrame.EXIT_ON_CLOSE);
        frame.getContentPane().setBackground(java.awt.Color.CYAN);
        frame.setLayout(null);
        this.initComponant();
        frame.setVisible(true);
    }
    void initComponant()
    {
        lblUserName = new JLabel();
        lblUserName.setText("Username : ");
        lblUserName.setBounds(100, 50, 100, 30);
        frame.add(lblUserName);

        txtfldUserName = new JTextField();
        txtfldUserName.setBounds(230, 50, 100, 30);
        frame.add(txtfldUserName);

        lblPassword = new JLabel();
        lblPassword.setText("Password : ");
        lblPassword.setBounds(100, 110, 100, 30);
        frame.add(lblPassword);

        txtfldPassword = new JPasswordField();
        txtfldPassword.setBounds(230, 110, 100, 30);
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    frame.add(txtfldPassword);

    btnlogin = new JButton();
    btnlogin.setText("LogIn");
    btnlogin.setBounds(100, 170, 100, 30);
    btnlogin.setFocusPainted(false);
    frame.add(btnlogin);
    btnlogin.addActionListener(this);

    btncancel = new JButton();
    btncancel.setText("Cancel");
    btncancel.setBounds(230, 170, 100, 30);
    btncancel.setFocusPainted(false);
    frame.add(btncancel);
    btncancel.addActionListener(this);

}
public void actionPerformed(ActionEvent ae)
{
    if(ae.getActionCommand() == "LogIn")
    {
        if(LoginAuthentication())
        {
            System.out.println("Login Successfully .....");
        }
        else
        {
            System.out.println("Login Failed .....");
        }
    }
    else if(ae.getActionCommand() == "Cancel")
    {
        System.exit(0);
    }
}

boolean LoginAuthentication()
{
    Connection con = null;
        try
        {
            con = DriverManager.getConnection("jdbc:mysql://localhost:3306/
            LoginAuthentication","mahesh","mahesh12@");
            if(con == null)
            {
                System.out.println("Not Established");
            }
            else
            {
                int count;
                String query = "select count(uname) as count from Login where
                uname = ? and password = ?";
                PreparedStatement ps = con.prepareStatement(query);
                ps.setString(1, txtfldUserName.getText());
                ps.setString(2, txtfldPassword.getText());
                ResultSet rs = ps.executeQuery();
                rs.next();
                count = rs.getInt("count");
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                if(count == 0)
                {
                    return false;
                }
                else
                {
                    return true;
                }
            }
        }
        catch(ArithmeticException e)
        {
            System.out.println(e);
        }
        catch(SQLException se)
        {
            System.out.println(se);
        }
        finally
        {
            try
            {
                con.close();
            }
            catch(NullPointerException np)
            {
                System.out.println(np);
            }
            catch(SQLException se)
            {
                System.out.println(se);
            }
        }
        return false;
    }
}


//              ----------------- CLASS TESTFRAME
------------------------------------------



package com.cisco.ubin;
class TestFrame
{
```

```java
    public static void main(String[] args)
    {
        DemoFrame df = new DemoFrame();

    }
}
```