```java
import javax.swing.*;
import java.awt.*;
import java.awt.event.ActionEvent;
import java.awt.event.ActionListener;
import java.text.SimpleDateFormat;
import java.util.ArrayList;
import java.util.Date;
import java.io.*;

public class Dashboard extends JFrame {
    private JPanel navigationPanel;
    private JPanel mainPanel;
    private JLabel dateTimeLabel;
    private ArrayList<Account> accounts;
    private boolean isAdmin;
    private static final String TRANSACTION_FILE = "transaction_history.txt"; // Transaction file for history

    public Dashboard(boolean isAdmin) {
        this.isAdmin = isAdmin;

        setTitle(title: "Employee Portal");
        setSize(width: 1200, height: 800);
        setDefaultCloseOperation(JFrame.EXIT_ON_CLOSE);
        setLayout(new BorderLayout());

        // dummy customers
        accounts = new ArrayList<>();
        accounts.add(new Account(name: "Asib Hossain", balance: 1200.50));
        accounts.add(new Account(name: "Akram Hossain", balance: 1350.00));
        accounts.add(new Account(name: "Nigar Sultana", balance: 2500.75));
        accounts.add(new Account(name: "Rokib Hossain", balance: 3100.20));
        accounts.add(new Account(name: "Asman Rahman", balance: 4000.10));

        // Title Bar
        JPanel titlePanel = new JPanel();
```

Settings | index.html | Dashboard.java 1 | LoginPage.java 1 × | Main.java 1 | zeez.jpg × | style.css | brain.js

D: > downloads > Bank Employee Portal 1 > Bank Employee Portal > LoginPage.java > ...

C:\Users\zehad\OneDrive\Desktop\Zehads_python codes\web\zeez.jpg (preview ⊙)

```java
import javax.swing.*;
import java.awt.*;
import java.awt.event.ActionEvent;
import java.awt.event.ActionListener;
import java.io.*;
import java.text.SimpleDateFormat;
import java.util.Date;
import java.util.Scanner;

public class LoginPage extends JFrame {
    private JTextField usernameField;
    private JPasswordField passwordField;
    private JButton loginButton;
    private JLabel dateTimeLabel;
    private JLabel titleLabel;

    private static final String FILE_PATH = "login_data.txt";
    private static final String ADMIN_USERNAME = "admin";
    private static final String ADMIN_PASSWORD = "admin123";

    public LoginPage() {
        // Frame settings
        setTitle(title: "Bank of Imagination - Login");
        setSize(width: 900, height: 600);
        setDefaultCloseOperation(JFrame.EXIT_ON_CLOSE);
        setLocationRelativeTo(c: null);
        setLayout(manager: null);

        // Panel for the login form
        JPanel loginPanel = new JPanel();
        loginPanel.setLayout(mgr: null);
        loginPanel.setBackground(new Color(r: 34, g: 49, b: 63));
        loginPanel.setBounds(x: 0, y: 0, width: 900, height: 600);
        add(loginPanel);
```

PROBLEMS 3 | OUTPUT | DEBUG CONSOLE | TERMINAL | PORTS

```
PS D:\downloads\Bank Employee Portal 1\Bank Employee Portal> cd "d:\downloads\Bank Employee Portal 1\Bank Employee Portal\" ; if ($?) { javac Main.java } ; if ($?) { java Main }
PS D:\downloads\Bank Employee Portal 1\Bank Employee Portal>
```

pwsh
Code Bank...

⊗ 0 ⚠ 3 Java: Ready   Ln 1, Col 1 Spaces: 4 UTF-8 CRLF {} Java Port: 3001

Settings | index.html | Dashboard.java 1 | LoginPage.java 1 | Main.java 1 × | zeez.jpg | style.css | JS brain.js

D: > downloads > Bank Employee Portal 1 > Bank Employee Portal > Main.java > ...

```java
import javax.swing.SwingUtilities;

public class Main {
    Run | Debug
    public static void main(String[] args) {
        // login page
        SwingUtilities.invokeLater(new Runnable() {
            @Override
            public void run() {
                LoginPage loginPage = new LoginPage();
                loginPage.setVisible(b: true);
            }
        });
    }
}
```

PROBLEMS 3   OUTPUT   DEBUG CONSOLE   TERMINAL   PORTS

```
PS D:\downloads\Bank Employee Portal 1\Bank Employee Portal> cd "d:\downloads\Bank Employee Portal 1\Bank Employee Portal\" ; if ($?) { javac Main.java } ; if ($?) { java Main }
PS D:\downloads\Bank Employee Portal 1\Bank Employee Portal>
```

⊗ 0 ⚠ 3   Java: Ready   Ln 1, Col 1   Spaces: 4   UTF-8   CRLF   {} Java   Port: 3001

Bank of Imagination - Login

Bank of Imagination

11:09:05 PM, Friday, 05-Dec-2025

Username:

Password:

Login

Register