

Assignment-1

- 1 What is swing? How it differs from AWT? Write a Sample program display a window with a label and textbox.
- 2 How component differs from container? Write a program to design a login form using Swing.
- 3 What is layout manger? Explain working of flow layout with example.
- 4 Discuss working of grid layout and border layout with examples.
- 5 What is meant by dialog box? How can you create dialog box using JOptionPane class? Explain with example.
- 6 How modal dialog box differs from non-modal dialog box? Explain the creation of dialog box using JDialog Class.
- 7 What is internal frame? Explain with example.
- 8 How can create menus in java? Explain with suitable example.
- 9 What is even handling? Explain the process of handling events with suitable example.
- 10 What is JDBC? Discuss its architecture and components briefly.
- 11 Discuss different types of JDBC drivers.
- 12 Write down steps of JDBC with suitable syntax for each step.

#Lab Sheet

- 1 Write a java to design following form.

The image shows a Java Swing window titled "Login Form". Inside the window, there are two text input fields. The first field is labeled "User ID" and the second field is labeled "Password". Below the "Password" field, there are two buttons: "OK" and "Cancel". The window has a standard Mac OS-style title bar with a red, yellow, and green button on the top left.

- 2 Write a java program to design following form

Controls Demo

User Name

Password

Sex

Hobbies

Select Country

Comments

Male Female

Playing Reading

Visiting Ticketing

Select Country

Ok Cancel

- 3 Write a java program to create a UI with three labels and three text boxes for First Number, Second Number and Result. Also put Four buttons (Add, Subtract, Multiply, and Divide) in the form and handle the event accordingly.
- 4 Create a form with fields Roll-Number, Name, Level, and Age. Also put buttons Add, Delete, Find, and Modify in the form. Handle the events such that the clicking on the buttons will add, delete, search, and updates student records in the database.
- 5 Write a program to prepare one small form containing fields employee id, name and salary with buttons view, insert and delete. And perform the operations as indicated by button names.