Advance java lab question
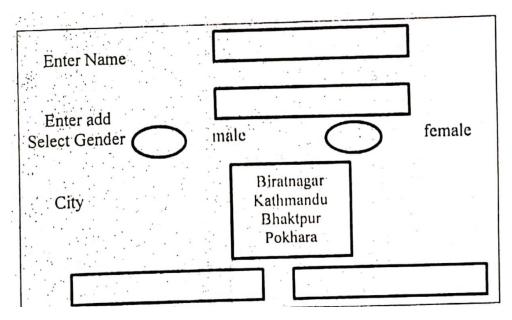
1. Create a simple form using grid bag layout

2. Compare AWT with Swing. Write a GUI program using components to find sum and difference of two numbers. Use two text fields for giving input and a label for output. The program should display sum if user presses mouse and difference if user release mouse

3. Write a java program to design an GUI application that reads teacher information like as tchID, tchName, tchAddress, tchPhone and store into a database called "citizen" when user clicks on a button(login).

4. Write a program to extract the user information such as Reg_no, Name, Address, Phone_no from the database and display in the console.

5. Show adapter class with suitable example.

6. Show java beans with suitable example.

7. Create a simple servlet that reads and display data from HTML form

8. Database access with Servlet
9. Database access with jsp
10. Write a jsp program to print "your college name" 10 times
11. How to handle cookie in servlet.
12. Create a RMI application such that a client sends an integer number to the server and the server return the factorial value of that integer. Give a clear specification for every step.