Practical 1. W.A.P. to make Calculator Application using Swing.

Practical 2. Write down java networking demo programs for two way communication (Simple chat)

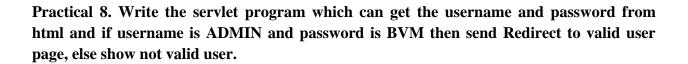**Practical 3. Create a database college in MySQL. Inside this database create a table student with id and name as fields. Write a JDBC program to get all this data from student table in college database.**

Practical 4. Do the above program for insert ID and NAME into student table in college database.

Practical 5. Write down simple Hello World Program in servlet and show the web.xml configuration for the same.

Practical 6. Create simple html form which contain username and password and submit to servlet page and display the same.

Practical 7. Create html form which contains the following field.

      i.   **Name (Text field)**
     ii.   **Surname (Text Field)**
    iii.   **Gender (Radio Button)**
    iv.   **Sports (Check Box...like cricket, tennis, soccer…)**
     v.   **Feedback (Text area)**
        And submit this page to servlet page which display all of above.

Practical 8. Write the servlet program which can get the username and password from html and if username is ADMIN and password is BVM then send Redirect to valid user page, else show not valid user.

Practical 9. Write the simple session program which display new or old session with the session ID, Creation time, Last Access Time and session time out.

Practical 10. Write down the simple JSP program which displays prime numbers between 1 to 100.

Practical 11. Declare addition and multiplication methods in declarative tag. Call addition method using scriptlet and multiplication method through expression.

Practical 12. Create html page which can get the multiple sports selection from the user and call jsp page to display the same.

Practical 13. Do the above program by using JSTL core library functions.

Practical 14. Write down a simple Hello World Program in JSF by using Managed Bean.

Practical 15. Write down a JSF Page Which Consist of Basic HTML Tags.

Practical 16. Write down a simple Hello World Program in spring.

Practical 16. Write down a simple Hello World Program in spring.

Practical 17. Create application in hibernate which will create a object of contact class and set the id, first name, last name and email fields. Finally save the whole object in My SQL Database. (Four types of files are required. One for core java class with setter and getter methods and one for main application. Remaining two are the configuration files)