2. Implement the following Servlet applications with Cookies and Sessions.

a. Using Request Dispatcher Interface create a Servlet which will validate the password entered by the user, if the user has entered "Servlet" as password, then he will be forwarded to Welcome Servlet else the user will stay on the index.html page and an error message will be displayed.
b. Create a servlet that uses Cookies to store the number of times a user has visited servlet.
c. Create a servlet demonstrating the use of session creation and destruction. Also check whether the user has visited this page first time or has visited earlier also using sessions.

3. Implement the Servlet IO and File applications.

a. Create a Servlet application to upload and download a file.
b. Develop Simple Servlet Question Answer Application using Database.
c. Create simple Servlet application to demonstrate Non-Blocking Read Operation.

4. Implement the following JSP applications.

a. Develop a simple JSP application to display values obtained from the use of intrinsic objects of various types.
b. Develop a simple JSP application to pass values from one page to another with validations. (Name-txt, age-txt, hobbies-checkbox, email-txt, gender-radio button).
c. Create a registration and login JSP application to register and authenticate the user based on username and password using JDBC.

5. Implement the following JSP JSTL and EL Applications.

a. Create an html page with fields, eno, name, age, desg, salary. Now on submit this data to a JSP page which will update the employee table of database with matching eno.
b. Create a JSP page to demonstrate the use of Expression language.
c. Create a JSP application to demonstrate the use of JSTL.