

#### Activity 4: Knowledge on JavaServlets and JSP.

1. Write a program to demonstrate the knowledge of students in JSP.

Eg: Client sends user name and password to JSP on the Server. Server receives, validates and sends back the validation result to client as response.

2. Write a program to demonstrate the knowledge of students in JSP.

Eg: Create a JSP page for an online multiple choice test. The questions are randomly selected from a database and displayed on the screen. The choices are displayed using radio buttons. When the user clicks on next, the next question is displayed. When the user clicks on submit, display the total score on the screen.

3. Write a program to demonstrate the knowledge of students in Servlet programming.

Eg., Write a servlet which counts how many times a user has visited a web page. If the user is visiting the page for the first time, display a welcome message. If the user is re-visiting the page, display the number of times visited. (Use cookies)

4. Write a program to demonstrate the knowledge of students in handling HTTP Request and Response.

Eg: Write a program to create a shopping mall. User must be allowed to do purchase from two pages. Each page should have a page total. The third page should display a bill, which consists of a page total of whatever the purchase has been done and print the total. (Use HttpSession)