

Additional Practice Assignments

1. Create an **HTML** page to accept customer's information for the following with appropriate form elements : Customer Name, Address, Gender, Languages known, City, submit and reset button. On submit event store the customer information into **XML** file.
2. Create a web page using **HTML & CSS** for online registration for international seminar. The participants can be students, faculty members, professional, company / firm representatives from different countries. Simulate payment gateway. Validate the fields using **JavaScript / jQuery**.
3. Design **HTML** (CSS is optional) form to accept five subject marks of at least five different students. Use **JavaScript / jQuery / XML** to store the marks and calculate the result. Display results and grades of all students using **HTML table**.
4. Create a specimen of a corporate web page (**HTML,CSS**). Divide the browser screen into two frames. The frame on the left will be a menu consisting of hyperlinks. Clicking on any one of these links will lead to a new page, which must open in the target frame at right hand side. In menu create two links, first link that will open a page that displays the company profile, its business & its products. The second link will display that contact address of the company.
5. Create Employee.xml file which contains name, id, department, gross salary of an employee. Use this **XML** file with **JavaScript / jQuery** to calculate and display the department wise average salary paid using. Provide 2-3 extra similar statistics of an employee based on **XML** file contents.
6. Prepare **Login.html** having username, password and login button. Button click event shall redirect you to **Process.jsp**. At Process.jsp you will notify a message "Login successful" with one Logout button. Click on Logout button shall redirect you to Login.html. Validate and invalidate **session** at necessary places.
7. Create an application using **JavaScript** and **JSP** to take food order from a customer and generate its bill. (At least one web page to accept order and one for billing)
8. Design an income tax calculator using **Servlets** which takes Name and gross income of an individual as an input and calculates tax payable by an individual based on following income tax slabs: (up to 2.5 Lacs: 0% tax, above 2.5 lacs upto 5 lacs: 10% tax, 5 lacs above: 20% tax)
9. Create product.html form to accept products details. Fetch these details into **Servlet** first.java and manage product_id as a part of a **session**. Redirect this session to **Servlet** second.java using **RequestDispatcher**.
10. Design a **calculator** which can perform addition, subtraction, multiplication and division of two numbers using **AngularJS**.
11. Design a currency converter application using **AngularJS**, which converts INR to USD and vice versa.

12. Create an application using **PHP**, which takes **Student_rollno**, **student_name**, **student_dept** as an input on **HTML** form and stores these details into **MySQL** table.
13. A **MySQL** table contains **Student_rollno**, **student_name**, **Student_class**, **student_dept**, **student_percentage**. Create a **PHP** application which fetches data from this table and displays it in sorted order according to percentage.
14. Create an application using **Struts2** to print addition of two numbers on a web page.
15. Create an application using **Struts2** to print employee details (**E_id**, **E_name**, **E_dept**, **E_sal**) on a web page.
16. Create an application using **EJB** to print square of a number on a web page.
17. Create an application using **EJB** to print customer details (**C_id**, **C_name**, **C_city**, **C_phoneNum**) on a web page.