

Practice Assignments WTL-exam

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. Display the data in to a table using Javascript.
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 and show payment successful message. 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. Design a HTTP Servlet application for displaying the current date and time.
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. Provide 2-3 extra similar statistics of an employee based on XML file contents.
6. Design a calculator application using HTML/CSS and validate all input fields using Javascript/Jquery.
7. 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. Clicking on Logout button shall redirect you to Login.html.
8. 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)
9. 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)
10. Create product.html form to accept products details including price per item. Fetch these details into Servlet First.java and Redirect user to Servlet Second.java using RequestDispatcher which displays the total bill for selected products.
11. Design a calculator which can perform addition, subtraction, multiplication and division of two numbers using AngularJS.
12. Design a Bill generator application using AngularJS which calculates the total amount to be paid on purchase of 5 items.(Take per item price from user).
13. Design a currency converter application using AngularJS, which converts INR to USD and vice versa.

14. 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.
15. 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.
16. Use Spring Core and Spring Context to create and fetch students records like student Name, student Roll No, student Branch etc.
17. Demonstrate that Struts2 uses MVC and Develop and deploy a Struts2 application to display addition/Subtraction/Multiplication/Division of two numbers.
18. Demonstrate Spring IoC bean example. Create an Employee bean Spring BeanFactory. Bean should have eId, eName, eSalary, eDept. Use bean scope as prototype.
19. Design a PHP application with HTML form to display average marks of a student (average of 5 subject) and display the class (First Class, Distinction and pass Class).
20. Design Calculator application using PHP store the result in MySQL database.