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| **Exp**  **No.** | **Experiment Name** | **Performance**  **Date** | **Submission**  **Date** | **Page No.** | **Sign** |
| **1** | Case study:  Before coding of the website, planning is important, students should visit different websites (Min. 5) for the different client projects and note down the evaluation results for these websites, either good website or bad website  From the evaluation, students should learn and conclude different website design issues, which should be considered while developing a website. |  |  |  |  |
| **2** | Implement a web page index.htm for any client website (e.g., a restaurant website project) using following:   1. HTML syntax: heading tags, basic tags and attributes, frames, tables, images, lists, links for text and images, forms etc. 2. Use of Internal CSS, Inline CSS, External CSS |  |  |  |  |
| **3** | Design the XML document to store the information of the employees of any business organization and demonstrate the use of:   1. DTD 2. XML Schema   And display the content in (e.g., tabular format) by using CSS/XSL. |  |  |  |  |
| **4** | Implement an application in Java Script using following:   1. Design UI of application using HTML, CSS etc. 2. Include Java script validation 3. Use of prompt and alert window using Java Script   e.g., Design and implement a simple calculator using Java Script for operations like addition, multiplication, subtraction, division, square of number etc.   1. Design calculator interface like text field for input and output, buttons for numbers and operators etc. 2. Validate input values 3. Prompt/alerts for invalid values etc. |  |  |  |  |

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| **5** | Implement the sample program demonstrating the use of Servlet.  e.g., Create a database table ebookshop (book\_id, book\_title, book\_author, book\_price, quantity) using database like Oracle/MySQL etc. and display (use SQL select query) the table content using servlet. |  |  |  |  |
| **6** | Implement the program demonstrating the use of JSP.  e.g., Create a database table student\_info (stud\_id, stud\_name, class, division, city) using database like Oracle/MySQL etc. and display (use SQL select query) the table content using JSP. |  |  |  |  |
| **7** | Build a dynamic web application using PHP and MySQL.   1. Create database tables in MySQL and create connection with PHP. 2. Create the add, update, delete and retrieve functions in the PHP web app interacting with MySQL database |  |  |  |  |
| **8** | Design a login page with entries for name, mobile number email id and login button. Use struts and perform following validations   1. Validation for correct names 2. Validation for mobile numbers 3. Validation for email id 4. Validation if no entered any value 5. Re-display for wrongly entered values with message 6. Congratulations and welcome page upon successful entries |  |  |  |  |
| **9** | Design an application using Angular JS.  e.g., Design registration (first name, last name, username, password) and login page using Angular JS. |  |  |  |  |
| **10** | Design and implement a business interface with necessary business logic for any web application using EJB.  e.g., Design and implement the web application logic for deposit and withdraw amount transactions using EJB. |  |  |  |  |
| **11** | **Mini Project**:  Quiz App with Admin Panel |  |  |  |  |