**List of experiments:**

1. Create a HTML static web page which shows the use of different tags.
2. Create a HTML page using TABLE tag.
3. Create a framed HTML page using FRAMESET tag.
4. Create a webpage with the following using HTML
   1. To embed an image in web page.
   2. To fix the hot spots.
   3. Show all the related information when a hotspot is clicked in the map.
5. Develop a program for validating web form control using DHTML.
6. Create a DHTML form for the dynamic use of records in a web form.
7. Create the registration form using HTML and create the CSS file and implement the CSS with HTML.
8. Design a webpage using CSS which includes the following:
   1. Use different font styles.
   2. Set background image for both the page and single elements on page.
   3. Control the repetition of image with background-repeat property.
   4. Define style for links as a:link, a:active, a:hover, a:visited.
   5. Add customized cursors for links.
   6. Work with layers.
9. Write a program to show blinking effect on web page using java script.
10. Design a digital clock on your webpage using java script.
11. Write a java script to validate the following fields in a registration page.
    1. Name (should contains alphabets and the length should not be less than 6 characters)
    2. Password(should not be less than 6 characters)
    3. E-mail(should not contain invalid addresses)
12. Develop and demonstrate, using Java script script, a XHTML document that collects the RollNo(the valid format is: A digit from 1to 4 followed by two upper-case characters followed by two digits followed by two upper-case characters followed by three digits ;no embedded spaces allowed- e.g. 1AB23CD356, 1GC13CS345) of the user. Event handler must be included for the form element that collects this information to validate the input. Messages in the alert windows must be produced when errors are detected.
13. Write a java script code to change the background color at frequent intervals.
14. Write a java script code to open the new document after particular intervals.
15. Write a java script code to show the concept of cookies.
16. Create an XML document, which contains 10users information. Implement a program, which takes User ID as an input and returns the user details by taking the user information form the Xml document.
17. Write an XML file which displays the book details that includes the following:
    1. Title of book.
    2. Author name.
    3. Edition
    4. Price

Write a DTD to validate the above XML file and display the details in a table.

1. XML document to store information about a student in an engineering college affiliated to any university. The information must include Roll No, Name, and Name of the college, Branch, Year of Joining, and e-mail id. Make up sample data for 5students, create a CSS style sheet and use it to display the document.
2. Assume four users user1, user2, user3 and user4 having the passwords pwd1, pwd2, pwd3 and pwd4 respectively. Write a PHP for doing the following;
   1. Create a Cookie and add these four user ID’s and passwords to this Cookie.
   2. Read the user id and passwords entered in the Login form and authenticate with the values (user id and passwords) available in the cookies. If he is a valid user (i.e., user-name and password match) you should welcome him by name (user-name) else you should display “You are not an authenticated user ’’.
3. Write a PHP program to store current date-time in a COOKIE and display the ‘Last visited on’ date-time on the web page upon reopening of the same page.
4. Write a PHP program to store page views count in SESSION, to increment the count on each refresh, and to show the count on webpage.
5. Create a table which should contain at least the following fields: name, password, email-id, phone number (these should hold the data from the registration form). Write a PHP program to connect to that database and extract data from the tables and display them. Experiment with various SQL queries. Insert the details of the users who register with the web site, whenever a new user clicks the submit button in the registration page.
6. Write a PHP which does the following job: Insert the details of the 3 or 4 users who register with the web site by using registration form. Authenticate the user when he submits the login form using the user name and password from the database (without cookies).
7. Create tables in the database which contain the details of books like Book name, Price, Quantity, Amount of each category. Modify your catalogue page in such a way that you should connect to the database and extract data from the tables and display them in the catalogue page using PHP
8. The user may add some items to cart from the catalogue page. He can check the cart page for the selected items. He may visit the catalogue again and select some more items. Here our interest is the selected items should be added to the old cart rather than a new cart. Multiple users can do the same thing at a time (i.e., from different systems in the LAN using the IP-address instead of local host). This can be achieved through the use of sessions. Every user will have his own session which will be created after his successful login to the website. When the user logs out his session should get invalidated, modify your catalogue and cart PHP pages to achieve the above mentioned functionality using sessions.