



List of Experiments – Web Tech

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1	Create an HTML file (e.g. first_page.html) that specifies a page that contains a heading and two paragraphs of text. Use the HTML tags <h1>, </h1>, <p>, and </p> in this exercise. For this, you can use any constructive texts you like.
2	Using HTML to demonstrate all the heading types.
3	<p>Add an unordered list to your first web page (first_page.html). An unordered list should look like the following when it is shown by a browser:</p> <ul style="list-style-type: none">• An unordered list can be specified with the tags and • An unordered list typically contains a number of list items that can be specified with tags and .• After you have created your unordered list, check out what happens when you convert it to an ordered list by replacing the tags and with and , respectively.
4	Add an image to your web page (first_page.html). In this exercise you must use the tag. As an image, you can use any .jpg or .png file you find on the Internet.
5	<p>Create another .html file that contains a heading and a couple of paragraphs. You could name this new file another_page.html, and you should place it into the same folder where your first .html is.</p> <p>After you have created the new .html page, add a link to the first page so that the browser will load another_page.html when you click the text Go to the other page in the first page.</p> <p>You need to use the <a> and tags in this exercise. Inside the tag <a> you need to use a href attribute that specifies which page will be loaded when the link is clicked.</p>
6	It is possible to use a picture (image) as a link. Modify your page (first_page.html) so that the picture that is on your page will also serve as a link that leads to another page.
7	<p>2) Write a html program for the demonstration of lists:</p> <ol style="list-style-type: none">a) Unordered Listb) Ordered Listc) Definition Listd) Nested List



8	Write a html program to demonstrate Hyperlinks: a) Navigation from one page to another b) Navigation within the page
9	Create a simple student table using HTML and CSS. It should contain Student Names, Student ID, Class and Section. Provide at least 5 entries.
10	Write an html page to demonstrate Registration page, containing the following: a) Name (text field) b) Password (password field) c) E-mail –id (text field) d) Phone No. (text field) e) Sex (radio button) f) Date of Birth (3 select boxes) g) Languages known (check box- English, Hindi, Bengali, Telugu, Tamil, Marathi, Spanish, French,) h) Address i) Hobbies j) Guardian details Add a button at the end named “Click to Register”. After the button is clicked, it should take you to a new .html page containing a moving picture and the message “Successfully Registered”, should be displayed.
11	Develop multiple static web pages of an online book store. The website should consist the following web pages: a) Home Page b) Registration Page c) User Log in page d) Books catalogue e) Shopping cart page f) Payment Page
12	Use Java Script program to implement an age restricted website. If age < 18, message to be displayed is “Sorry, you are not authorized to enter”. If age >=18, message to be displayed is “Hello, welcome to the site”.
13	Use Java Script to create a multiplication table. The program should take user input for number of rows and columns in the web page.



14	Create a comment box using html, css, js. All the comments entered should appear one after the other.
15	Use Java Script to create a simple form. The form should collect first name, last name, e-mail id, user id, password from the user. All the inputs are mandatory and email address entered should be in correct format. Also, the values entered in the password and confirm password textboxes should be the same. All should be validated using Java Script and error displayed for each form should be in red color.
16	Write a Java Script program and use html to design a simple calculator. It should contain all the number buttons, all the operations (addition, subtraction, multiplication, division) buttons, and the equal to button. Whenever user clicks the appropriate button, it should give the correct result.
17	Create an interactive online CV. It should contain your photo, name contact details, address, experience, skills, hobbies, marks in various subjects. At the top of the page TIU logo should be present.
18	Implement a web based application containing a text box area. The text area should have a character limit of 100. Every time anything is typed, the character counter should decrease for every character typed. When Character Count becomes zero, no further character can be typed.
19	Use HTML and Java Script to implement unique character counter. The html page will contain a text area. Below the text area, there will be a button named "Get Unique Character". When this button is clicked, all the unique characters placed in the text area should get displayed in the web page.
20	Develop an html, java script and css program to create an image slider effect in the web page. The script will take in multiple pictures as input and they would slide one after the other, like "image slider carousel" effect.
21	Deploy a page containing comment box and a button underneath the comment box named "Add Comment". A user will enter comment and press the button. After the button is clicked, comments will get stacked one after the other. Any new comment will get stacked with the existing comment.
22	Create a project on any one of the following: a) travel and tourism b) Hospital management system c) Railway reservation d) Passport renewal system



e) Hotel management system

