**EXPERIMENTS FOR WEB ENGINEERING LAB.**

1. Create a static web page describing your College details.

2. Create a table to show your class Time Table.

3. Design the following web pages required for an online book store web site.

a) HOME PAGE: The static home page must contains three frames.

b) LOGIN PAGE: The login page contains user name and password of user to authenticate.

c) CATOLOGUE PAGE: The catalogue page should contain the details of all books available in the web site in a table.

4. Write HTML code to design a student registration form with an essential password field.

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| 5. Write a HTML code to design a web page that contains a Selection Box with names of 5 Subjects.  When user selects a subject, the name of software used in that subject should be printed next in the list.  6. Create an internal CSS file to change the color of certain text portion bold, italics underline and also change the background color of different paragraph in it.  7. Create an external CSS file to change the color of certain text portion bold, italics, underline and also change the background color of different paragraph in it.  8. Design a webpage to show use of alert, confirm and prompt box.  9. Design a webpage to display a new image & text when the mouse comes over the existing content in the page.  10. Write an XML code to create a nested table as follows:-   |  |  | | --- | --- | | This is first cell | This is second cell | | This is third cell | This is fourth cell | |  | | One Two |  | | Three Four |  | |  |  |   11. Develop a JavaScript to generate ARMSTRONG NUMBERS between the ranges 1 to 100. Example, 153 is an Armstrong number as sum of the cube of the digits is equal to the number i.e. 1+ 125 + 27=153.  12. Write a JavaScript function for email address validation i.e. to check if the content has the general syntax of an email or not.  13. Write a JavaScript that checks the given input for valid name, password length more than 6 characters and age field in the range of 1 to 99. Also write appropriate HTML code to implement this script.  14. Write a program in JavaScript to build up a clock.  15. Write a JavaScript code:-   1. To find the smallest of n given integers. 2. To find the largest among 5 numbers.     \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* |