

L. D. College of Engineering, Ahmedabad
Computer Engineering Department
B.E. 6th Semester - Even Term - 2023
Web Programming (3160713)
Practical List

PRACTICAL SET 1 – HTML & CSS

[CO1] Use the various HTML tags with appropriate styles to display the various types of contents effectively.

1. Demonstrate use of unordered lists, ordered lists and definition list.
2. Make the table of given design using HTML.

A	B	C	D
E	F	G	
H	I	J	
K			

1			
2	3	4	
		5	6
7			

3. Design & Develop Resume web page using basic html tags with appropriate CSS style to display the content effectively.
4. Create Student registration webpage using appropriate HTML form object. (Text box, Text area, Dropdown, Radio button, Submit button, Checkbox etc.)

PRACTICAL SET 2 – HTML, CSS, JAVASCRIPT

[CO2] Develop the dynamic web pages using HTML, CSS and JavaScript applying web design principles to make pages effective.

1. Create HTML Page with JavaScript that prints Factorial number / Fibonacci series.
2. Create HTML Page with JavaScript which takes Integer number as input and tells whether the number is ODD or EVEN using Popup box.
3. Develop simple calculator for addition, subtraction, multiplication and division operation.
4. Write a JavaScript that handles following events:
 - a. If the mouse is over heading, change font color to “red” and if the mouse goes out of the heading change it to “black”.
 - b. If button named “red” is clicked, background should change to red and If button named “green” is clicked, background should change to green.
 - c. Gives the key code for the key pressed, if key pressed is ‘a’, ‘e’, ‘i’, ‘o’, ‘u’, the message should be displayed on pop up box that “vowel is pressed” and Background color should change to red after releasing the pressed key.
5. Design a form using HTML and JavaScript that asks the user to enter his date of birth and on clicking the Calculate Button it calls the function that calculates how many days are left in your birthday?
6. Write a java script program to “Wish a user “at different hours of a day.
7. Write a JavaScript to apply various validations on fields of Student Registration Form of Practical set 1(4).

PRACTICAL SET 3 – PHP

[CO3] Develop the server-side PHP scripts using various features for creating customized web services.

1. Write PHP script to demonstrate use of given date/time functions.
date(), getdate(), setdate(), time(), checkdate().
2. Write a PHP program to print following patterns.

1	1
a b	0 1
2 3 4	1 0 1
c d e f	0 1 0 1
5 6 7 8 9	1 0 1 0 1
3. Write PHP script to demonstrate use of Math functions. abs () & round (), ceil() & floor (), min () & max (), pow () & sqrt ().
4. Extend Practical set 2(7) by viewing information on another page by clicking submit button using php.
5. Write a program that demonstrate use of in built function of cookies.

PRACTICAL SET 4 – PHP & MYSQL

[CO4] Write the server side scripts for designing web-based services with database connectivity.

1. Extend Practical set 3(4) by applying insert operation and Display the student records with update and delete facility.
2. The user is first served a login page which takes users name and password. After submitting the details, the server checks these values against the data from a database and takes the following decisions
 - a. If name and password match, serves a welcome page with user's full name.
 - b. If name matches and password doesn't match, then serves password mismatch page.
 - c. If name not found in database, serves a registration page where users full name is asked and on submitting the full name, it stores, the login name, password and full name in the database (HINT: Use session for storing the submitted login name and password.)
3. Write a program that keeps track of how many times a visitor has loaded the page.

PRACTICAL SET 5 – AJAX & JQuery

[CO5] Develop a web application using advanced web programming features including AJAX and JQuery using concepts of Web API.

1. Mini Project on given titles.

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