

## Lab No Practical

### 1 HTML/CSS.

1. Demonstrate Basic html Tags.
2. Demonstrate special html controls like :
  - a) Anchor tag
  - b) Iframe tag
  - c) List controls
  - d) Image control
  - e) Input tag
3. Write an HTML snippet with CSS for following effects :
  - a) Link: after visited red color and before visited blue color.
  - b) Table with odd rows pink and even rows blue color.
  - c) Text color to be green, text indentation to be 2cm, and all the text should be converted to uppercase for the paragraph.

### 2 HTML/CSS.

1. Make the table of given design using HTML.

a	b
	c

a)

a	
b	c

b)

1				
2			3	
4	5			
	8	9	6	7

c)

2. Write a form to collect details of a user having following fields: Name (Textbox), Enrolment (Textbox), Gender (Radio button), Education Qualification (Dropdown), Area of Interest (Checkbox), Profile Picture (File), About Your Self (Text Area), Submit button, and Reset button.
3. Create employee registration webpage using HTML form object.

### 3 JavaScript.

1. 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.
  - d) If “Date and Time” button is clicked it displays current date and time information.

### 4 JavaScript.

1. Create HTML Page with JavaScript which takes Integer number as input and tells whether the number is ODD or EVEN.
2. Demonstrate the use of array to find maximum number.

3. Accepts N as input and displays first N Fibonacci numbers as list.
4. Create User Defined Functions to find whether the given number is prime or not.
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. Develop simple calculator for addition, subtraction, multiplication, and division operation.

**5 JavaScript.**

1. Write a JavaScript program to greet a user as per the current time. E.g. if anyone opens page at 08:00 am it should greet GOOD Morning.
2. Write a JavaScript to apply various validations on fields of Student Registration Form.
3. Write a JavaScript to Check given string Palindrome or not.

**6 PHP.**

1. Write a PHP script for Addition of two numbers.
2. Write a PHP program to find odd or even number from given number.
3. Write a PHP program to find maximum out of three numbers.
4. Write a PHP program to print following pattern.

1	1
ab	01
234	101
cdef	0101
56789	10101
a)	b)

**7 PHP.**

1. Write a PHP script to check whether given year is leap year or not.
2. Write a PHP script to print Fibonacci series.
3. Write a PHP script to check the given number is prime or not.
4. Write a PHP script to Check the given number is Palindrome or Not.
5. Write a PHP program to check whether the given string is palindrome or not.

**8 PHP.**

1. Write PHP script to demonstrate use of following String function :  
strtolower(), strtoupper(), strlen(), ltrim(), rtrim(), trim(), substr(), strcmp(), strcasecmp(), strpos(), str\_replace(), strrev()
2. Write PHP script to demonstrate use of following Math functions :  
abs() & round(), ceil() & floor(), min() & max(), pow() & sqrt()
3. Write PHP script to demonstrate use of following Date/Time functions :  
date(), getDate(), Setdate(), time(), checkdate()
4. Write a PHP program to display today's date in dd-mm-yyyy format.
5. Write a PHP program to find number of vowels in a given string.

**9 PHP.**

1. Write an HTML page that has one input, which can take multi-line text and a submit button. Once the user clicks the submit button, it should show the number of characters, lines and words in the text entered (Words are separated with white space and lines are separated with new line character).

2. Write PHP Script to demonstrate use of Indexed/Numeric arrays and for 'foreach' loop execution.
3. Write PHP Script to demonstrate use of associative arrays and for 'foreach' loop execution.
4. Write PHP Script to demonstrate use of mixed array indexed +associative arrays and print using 'printr()' function.

**10 PHP.**

1. Create HTML page that contain textbox, submit / reset button. Write a PHP program to display this information and also store into text file.
2. Write a PHP program that demonstrate passing variable using URL.
3. Create a Student Registration form using different HTML form elements and display all student information on another page using PHP.
4. Write a PHP script to make a web application takes a name as input and on submit it shows a 'Hello<name>' page where <name> is taken from the request. And it shows a start time at the right top corner of the page and provides the logout button on clicking this button it should shows a logout page with 'Thank You<name>' message with the duration of Usage.
5. Write a program that demonstrate use of cookies.

**11 PHP and MySQL.**

1. Write PHP Script for storing and retrieving user information from MySQL table.
  - a) Design a HTML page which takes Name, Address, Email and Mobile No. From user ( register.php )
  - b) Store this data in MySQL database.
  - c) Next page display all user in html table using PHP ( display.php )

**12 PHP and MySQL.**

1. Create registration and login application with SESSION having following functionality :
  - a) Student Registration form using PHP and MySQL with following fields :  
FirstName, MiddleName, LastName, EnrolmentNumber, UserName, Password.
  - b) Login application with SESSION in which the user is first served a login page which takes UserName, and Password. After submitting the details the server checks these values against the data from a database and takes the following decisions
  - c) If UserName, and Password matches, serves a welcome page with user's details.
  - d) If UserName, and Password doesn't match then serves UserName, or Password mismatch alert message on login page.

**13 PHP.**

1. Write PHP code to upload image.
2. Write a program that keeps track of how many times a visitor has loaded the page.
3. Write a program that displays a different message based on time of day. For example page should display "Good Morning" if it is accessed in the morning.

**14 AJAX and jQuery.**

1. Create a web page containing 3 dropdown for Country, State and City respectively, and fill it from MySQL database using jQuery and AJAX.
2. Create API for CRUD operation on Student detail Table which contain following fields :  
FirstName, MiddleName, LastName, EnrollmentNumber, RollNumber, Department, MobileNumber, EmailAddress.