

CSIT Web technology Lab Assignment

Client side scripting language

1. Write a HTML program to display your name using all the header tags.
2. Write a HTML program to display your name in h2 tag and elaborate more about yourself using in a paragraph.
3. Create a form to take following inputs using HTML only:
 - a. Full name
 - b. Address
 - c. Email (Proper email validation is required)
 - d. Gender
 - e. Contact number
 - f. Citizenship number
 - g. Father's name

The form must contain a submit button and validate using javascript. A reset button must also be added to clear all the input values. Proper validation messages must be displayed to the user.

4. Write a program to take two number inputs from the user and print the sum in a h3 tag using plain javascript.
5. Write a program to create a real-life digital watch using javascript.
6. Write a program to create a cookie using javascript and display the value in the h1 tag.
7. Write a program to alert if the input number is even or odd using jQuery. The input should be taken from a user via input field.
8. Write a program to show/hide a paragraph when a button is clicked using jQuery.

Server side scripting using Database Connectivity

1. Write a PHP CRUD program to take following inputs from the user and validate it in the backend. If validation fails then a proper message should be shown to the user:
 - a. Full name
 - b. Address
 - c. Email (Proper email validation is required)
 - d. Gender
 - e. User image (Proper image upload should be done)
 - f. Contact number
 - g. Citizenship number
 - h. Father's name
2. Create a login form which validates the user with his/her email and password. If logged in successfully, then the user must be redirected to the simple dashboard page. Use a proper session such that if the user directly tries to go into the dashboard page, a proper message of the user not logged-in should be displayed.
3. Write a PHP program using the following aggregate function of sql:
 - a. avg
 - b. count
 - c. sum
 - d. min
 - e. max

Advance server side scripting

1. Write a PHP class containing following variables:

- a. name
- b. age
- c. gender
- d. address

Create respective getters and setters for the class and print the values using the object.

2. Create a parent class Vehicle which has following methods and inherit it using at least two child classes with their additional function. Create objects of respective child classes and access all the functions of those child classes.
3. Write a PHP example to achieve multiple inheritance.
4. Write a PHP program to save the information in a database using AJAX.

XML Assignment:

1. Write XML Code with following elements:
 - a. Student (Root node)
 - b. Name (Child)
 - c. Address (Child)
 - d. Email (Child)
 - e. Contact (Child)
2. Write XML code with internal DTD for the first question.
3. Write an XML schema to validate the first question.