

THINGS TO KNOW:

1. Lab report must contain following sections: (order must be maintained)
 - a) Title /Question
 - b) Theory: The brief overview of the concept /techniques/syntax/technology used in the program
 - c) Code: The complete code (markups, styles and scripts)
 - d) Output: Screenshot of the output (in console and/or browser window)
2. Output screen should be captured (use snipping tool), printed and attached in the report. Other contents must be handwritten.
3. Every source code must include the printing statements to print following information after your main output:

Lab No.:

Name:

Roll No./Section :

4. Contents should be written on single side of A4 sized paper.
5. The works must be submitted within specified deadline.
6. Cover page and index page should be attached in the report appropriately.

Index Page Format (can be printed)

List of Lab Works

Lab No.	Title /Question	Submission Date	Signature	Remarks
1(a)	This is sample	2079/11/12		
1(b)	This is also sample	2078/11/12		

Scripting Language /Lab Works (Part-4)

26. Working with session, cookies and email in PHP
 - a) Write a PHP program to demonstrate login and logout features using session. Also include "remember me" feature using cookies in PHP.
 - b) Write a PHP program to send email.
27. Object oriented PHP
 - a) WAP in PHP which should have followings
 - A class with at least three member variables
 - A parameterized constructor having three parameters to initialize the data members
 - A method which displays values of the data members.
 - Three methods with single parameter for each and the method should update the values of data members based on given arguments
 - Two objects of the class
 - Statements for calling of above methods
 - b) WAP to demonstrate encapsulation in PHP
 - c) WAP to demonstrate single, multi-level and hierarchical inheritance.
 - d) WAP to show how constructor of parent class is called from child class
 - e) WAP in PHP to demonstrate the concepts of static variable and static methods.
 - f) WAP in PHP to demonstrate the concept of method overriding.
 - g) WAP in PHP to illustrate the concepts of abstract class.
 - h) WAP in PHP to illustrate the concepts of interface
 - i) WAP to demonstrate dynamic polymorphism in PHP.
 - j) WAP to demonstrate multiple inheritance in PHP using interface.
28. Exception Handling in PHP
 - a) WAP to demonstrate the use of try, catch, throw and finally keywords in PHP
 - b) WAP to demonstrate multiple catch blocks in PHP
 - c) WAP to use custom exception handling in PHP.
29. Working with jQuery and jQuery UI
 - a) WAP to illustrate the concepts of jQuery selectors.
 - b) WAP using jQuery to validate a signup form
 - c) WAP using jQuery to handle any five different types of events.
 - d) WAP to demonstrate any five DOM manipulation tasks using jQuery.
 - e) WAP to hide, unhide and toggle an image using corresponding three buttons using jQuery.
 - f) Create a web page using following jQuery UIs:
 - Menu
 - Dialog
 - Accordion
 - Tooltip
 - Datepicker
 - Slider
 - Spinner
 - Draggable
 - Sortable
 - Resizable

- Hide
- Effect
- Toggle

30. Working with AJAX

- a. WAP using AJAX to read the contents of a text file and display on a webpage
- b. WAP using AJAX with PHP to work with GET request.
- c. WAP using AJAX with PHP to work with POST request.
- d. WAP to demonstrate AJAX with jQuery using ajax() method.
- e. WAP using AJAX , PHP and MySQL to show the records of item selected from dropdown
- f. Create a web application to demonstrate "Ajax Live Database Search" using PHP, AJAX, jQuery and MySQL. *[Report can be printed for this task]*

31. Learning about CMS (report can be printed for this lab work)

[Students are highly encouraged to try different tools and techniques for customization. They must customize basic things like banner, logos, menu, footer, content text and images. Each student's report should be different. Copying other's task is strictly discouraged]

- a. Create an ecommerce website using WordPress by using any theme write the steps involved for customizing looks and features.[use WooCommerce plugin)
- b. Create a news portal website using Joomla. Write the steps involved for customizing looks and features.