

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-3)

17. Some basic PHP programs

- a) Create a html form to take two numbers form text fields and display the multiplication table of bigger number using PHP.
- b) Create a html form to take two numbers form text fields and an operator (among +, -, *, /, %) from combo box and display the result on a label when user press a submit button by using switch-case-default syntax in PHP.
- c) Write a PHP program to demonstrate different ways to create arrays and display them using var_dump() and print_r() functions.
- d) Write a PHP program containing associative array and illustrate the use of for loop and foreach loop in accessing arrays.
- e) Write a PHP program to demonstrate following array functions

array_push() , array_shift() , array_search() , array_unshift()

sort() , asort() , ksort() , rsort() , arsort() , krsort()

each() , current() , reset() , end() , next() , pos() , and prev()

shuffle() , array_reverse()

18. Working with functions in PHP

- a. Write a PHP program having a function which take age as parameter and returns "You are restricted" if age is less than 18 otherwise returns "Welcome".
- b. Write a PHP program having a function that takes an array of number as parameter and prints the sum of second largest and smallest elements.
- c. Write a PHP program to demonstrate the function with default arguments.
- d. Write a PHP program to differentiate pass by value and pass by reference in PHP functions.

19. Write a program to demonstrate regular expression in PHP using the functions like preg_match(), preg_match_all() and preg_replace() .

20. Create a form with validation using PHP. The validation errors should be displayed after each field if invalid. Consider following validation rules.

— All fields are required. (name,username,age,password and confirm password)

- Name cannot have numbers and special characters
- Username should be of minimum 8 character and must begin with alphabet
- Age cannot be less than 16 years
- Password and confirm password must match.

21. Working with date and time in PHP.

- a. Write a program to demonstrate the meanings of different formatting options available in date() and time() functions in PHP.
- b. Write a program to illustrate mktime() and strtotime() functions in PHP.

22. Handling files in PHP

- a. Write a program to read and write file using fgetc() and fputc() functions.
- b. Write a program to read and write file using fread() and fwrite() functions
- c. Write a program to copy the contents of one image file to another. (file copy)
- d. Write a program in PHP which reads a text file and write the contents into another file by replacing the words starting with "T or t" by "HEHE".
- e. WAP in PHP to demonstrate random accessing of file and associated functions.
- f. Create form to take values needed for a bio-data and generate a bio-data in pdf format using PHP.

23. Including and uploading files

- a. Write programs to demonstrate the use of include (), require(), include_once() and require_once() functions.
- b. Write a program to demonstrate the file uploading process in PHP.

24. PHP and MySQL

- a. Write a PHP program to insert some data into a table in MySQL
- b. Write a PHP program to read all data from a table in MySQL
- c. Write a PHP program to update a record of a table in MySQL
- d. Write a PHP program to delete a record from a table in MySQL
- e. Write a PHP program to display the detail of given record (like: record_no, id) from a table in MySQL
- f. Write PHP program to fetch records from two tables in MySQL using subqueries.
- g. Write PHP program to fetch records from two tables in MySQL using SQL joins.

25. Create a CRUD application using PHP and MySQL .[Codes can be printed for this lab no.]