SVKM's NMIMS
Mukesh Patel School of Technology Management & Engineering (Mumbai Campus)
Computer Engineering Department (B.Tech Integrated Sem V)
Fundamentals of Website Designing
Lab Manual

PART A

(Part A: TO BE REFFERED BY STUDENTS)

Experiment No. 11

A.1 AIM:

Implement server side scripting using PHP.

A.2 Pre requisite:

Basic Knowledge of HTML, CSS, JavaScript, Web Browser, PHP

A.3 Outcome:

After successful completion of this experiment students will be able to:

1. Dynamic web page using PHP.

A.4 Theory:

PHP is popular scripting language, which is used to develop various web applications.
PHP is an acronym for "PHP: Hypertext Preprocessor".
PHP is a widely-used, open source scripting language.
PHP scripts are executed on the server.
PHP runs on various platforms (Windows, Linux, Unix, Mac OS X, etc.)
PHP is compatible with almost all servers used today (Apache, IIS, etc.)
PHP supports a wide range of databases
PHP is free. Download it from the official PHP resource: www.php.net
PHP is easy to learn and runs efficiently on the server side

What is a PHP File?

PHP files can contain text, HTML, CSS, JavaScript, and PHP code.
PHP code is executed on the server, and the result is returned to the browser as plain HTML.
PHP files have extension ".php".

What Can PHP Do?

PHP can generate dynamic page content
PHP can create, open, read, write, delete, and close files on the server
PHP can collect form data
PHP can send and receive cookies
PHP can add, delete, modify data in your database
PHP can be used to control user-access
PHP can encrypt data

PHP Installation

To start using PHP, you can:

- Find a web host with PHP and MySQL support
- Install a web server on your own PC, and then install PHP and MySQL

If your server has activated support for PHP you do not need to do anything.
Just create some .php files, place them in your web directory, and the server will automatically parse them for you.
You do not need to compile anything or install any extra tools.
Because PHP is free, most web hosts offer PHP support.

Set Up PHP on Your Own PC

However, if your server does not support PHP, you must:

- install a web server (like Xampp, Wamp)
- install PHP
- install a database, such as MySQL

A.5 Procedure/Task:

1. Install and configure PHP, web server, MYSQL

2. Write a program to print "Welcome to PHP"

3. Write a menu driven program to perform arithmetic operations.

4. Write a program to check if the given no is positive, negative or zero. Also determine if the number is divisible by 3, 5, both or none using if statements.

5. Write a program to print first 30 even numbers. (Using while / do..while)

6. Write a program to display pyramids of star/patterns using for loop.

7. Write a PHP program to-

- Calculate length of string.
- Count the number of words in string without using string functions.

8. Write a simple PHP program to demonstrate use of various built-in string functions

9. WAP using simple function to calculate factorial of a number.

10. WAP using parameterized function to calculate sum of digits of a number and return and print the calculated sum.

11. WAP to set cookies and read it.

2. Prepare the document. Save and close the file and name it as **EXP11_Roll no_Batch no.**

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PART B

(PART B: TO BE COMPLETED BY STUDENTS)

(Students must submit the soft copy as per following segments within two hours of the practical. The soft copy must be uploaded on the Blackboard or emailed to the concerned lab in charge faculties at the end of the practical in case the there is no Black board access available)

Roll No. :	Name:
Class :	Batch :
Date of Experiment :	Date/Time of Submission :
Grade :	

B.1 Code:

(Paste your Code here)

B.2 Output

(Take screen shots of the output at run time and paste it here)

B.3 Conclusion:

(Students must write the conclusion as per the attainment of individual outcome listed above)

B.3 Observations and Learning:

(Students must write their observations and learnings as per the attainment of individual outcome listed above)

B.4 Question of Curiosity

(To be answered by student based on the practical performed and learning/observations)

Q1. Differentiate between for and for-each loop

Q2. Differentiate between cookies and session..