

WEB PROGRAMMING LAB MANUAL

Course: Web Programming

Experiments Using PHP

Experiment 1

Title: Odd or Even Checker and Factorial Calculator

Aim: To develop a PHP web application to check whether a number is odd or even and to calculate its factorial.

Theory: PHP is a server-side scripting language used to develop dynamic web applications. Conditional statements and loops are used to perform logical operations such as checking odd/even numbers and calculating factorials.

Algorithm:

1. Start the program
2. Accept a number from the user
3. Check whether the number is divisible by 2
4. Display whether it is odd or even
5. Calculate factorial using loop
6. Display factorial
7. Stop the program

Program:(left side)

output:(left side)

Result: Thus, the program to check odd/even and calculate factorial was successfully executed.

Experiment 2

Title: Fruit Price Calculator Using Associative Array

Aim: To develop a PHP web application using associative arrays to calculate the total price of selected fruits.

Theory: Associative arrays in PHP store data in key-value pairs. They are useful for storing related data such as fruit names and their prices.

Algorithm:

1. Start the program
2. Create associative array for fruit prices
3. Accept fruit name and quantity
4. Calculate total cost
5. Display result
6. Stop the program

Program:

output:

Result: Thus, the fruit price calculator using associative arrays was successfully implemented.

Experiment 3

Title: Data Retrieval Using Multidimensional Array

Aim: To develop a PHP web application to retrieve user data using a multidimensional array.

Theory: A multidimensional array is an array containing one or more arrays. It is useful for storing structured data such as user details.

Algorithm:

1. Start the program
2. Create multidimensional array of users
3. Accept email input
4. Search the array
5. Display matching record
6. Stop the program

Program:

output:

Result: Thus, the data retrieval using multidimensional array was successfully implemented.