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CHANGA – 388 421
Branch: B.C.A   **Semester:** IV
Course Code: CAUC205
Course Name: Open Source Technologies
Component: Practical Assignment – 4
Topics Covered: Web Forms, File Handling, String, Global Variables, Database
Connectivity using PDO
Submission Date: 01/03/2026

(1) WAP to reverse the given string.

(2) WAP to find out the frequency (occurrence) of each character in a given string.

(3) WAP to find out the given string is palindrome or not?

(4) Write a menu driven program which does the following operations on the given string.

   i) Count the no. of words

   ii) Count the total no. of characters

   iii) Count the no. of consonants

   iv) Count the no. of vowels

   v) Count the no. of special characters

   vi) Count the no. of digits

   vii) Count the no. of capital letters

   viii) Count the no. of small letters

   ix) Count the no. of spaces

(5) WAP to find out the frequency (occurrence) of each word in a given string.

(6) WAP to upload file on server using php.

(7) WAP to upload file on server with size validation. (i.e. 100 kb)

(8) WAP to upload file on server with extension validation. (i.e. .jpeg, .png)

(9) WAP to upload file on server with renaming it (i.e. provide new name for a file)

(10) WAP to upload multiple files on server using php.

(11) WAP to prevent overwriting existing file on server using php.

(12) WAP to demonstrate $GLOBALS array in php.

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(13) WAP that uses $SERVER super global variable to access server information.

(14) WAP that uses $_POST to handle form data.

(15) WAP that uses $_GET to handle query string parameters.

(16) WAP that uses $_SESSION for session management.

(17) WAP that demonstrates $_COOKIE to set and access cookies.

(18) WAP that demonstrates $_FILES array with all its attributes to upload file on server.

(19) WAP that uses $_REQUEST to access data from any method.

(20) WAP to send email using php script.

(21) Write a code to create well designed professional dynamic website which contains registration page, login page, home page and a view page which displays the registered users in a grid view.

Registration page must have the following information:

First name, Middle name, Last name, Address, Gender, Contact no, E-mail, Photograph, Password, Confirm Password, Terms & Conditions.

(22) Write a code to create well designed professional dynamic website for the author who is writing the books of IT and also updating his books information online which contains the insert, update, delete, and view (including navigation facility) pages for the author and the common view page of books for all users. which also having the search facility for any book. (On view page of user search must be like google search facility).

(23) WAP to create an application which rotates the images stored in database (Rotate images using marquee tag).

(24) WAP to create an application which binds a list of city stored in a database to the list box dynamically.

(25) WAP to create employee management system using PDO (perform all operations like select, insert, update, delete etc.)