

DEPARTMENT OF COMPUTER SCIENCE  
ROLLWALA COMPUTER CENTRE  
GUJARAT UNIVERSITY  
M.C.A. – II

ROLL NO : 10

NAME : Pradip S Karmakar

SUBJECT : Web Application Development (WAD)

NO.	TITLE	PAGE NO.	DATE	SIGN
1	<b>Theory Assignment 1</b>	8	02/07/2020	
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4	<b>Theory Assignment 4</b>	52	02/07/2020	
	<b><u>Practical Assignment 1</u></b>	65	02/07/2020	
1	Write program in PHP and Html which ask user to enter the Amount, rate and Duration in years and calculate and display Simple the simple interest.			
2	Write a PP and HTML script which ask user to enter his first name and last name and display it. The program must get the values by using \$_GET, \$POST and \$_REQUEST. Check if you set method = Get/post and retrieve the variable using \$_POST/\$_GET			
3	Write a PHP script which ask user to provide min and max radius value. The sciprt will display area of a circle of radius wise. The format should be as follow: The area of circle for radius 1 is 3.14 sq meter. [ Min value = 1]			
4	Write a PHP/HTML script which ask user to enter StudentID, Name, and marks of the 3 subjects. The script will display the total marks, percentage and grade. The guideline to determine Grade is			

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	<b>Grade A if percentage &gt;70 Grade B if percentage &gt;65 Grade C if percentage &gt;60 Grade D if percentage &gt;55 Grade E if percentage &gt;50 Grade F if percentage &lt; 50.</b>			
<b>5</b>	<b>Write a PHP script which will write students information in a binary(textfile) name studinfo.txt and display acknowledgement.</b>			
<b>6</b>	<b>Write a PHP script which will read the students information from the file studinfo.txt and display records.</b>			
<b>7</b>	<b>Write a PHP script which will display the filesize studinfo.txt and display records. Also provide functionality of record navigation by using fseek, ftell and seek in built functions.</b>			
<b>8</b>	<b>Create a PHP/HTML script which allows user to choose his/her hobbies by checking the checkboxes and display the user's hobbies</b>			
<b>9</b>	<b>Create an array of your favorite Punjabi food. Write PHP script to display only even number position Punjabi food.</b>			
<b>10</b>	<b>Create an array of Milk Types and its price. i.Display all the types and price. ii. Sort the array by price and display. iii. Sort the array by milk type and display</b>			
<b>11</b>	<b>Create a 2-D array which stores the distance between Source and Destination of five cities in KM. Allows user to chose source and Destination from Drop Down list. The script should display correct distance between the two cities</b>			
<b>12</b>	<b>Create a 2-D array which stores card types ('C','H','D','S')</b>			

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	and rank (2,3,4,5,6,7,8,9,10, J, Q,K,A). Each type has 13 ranks. Display total cards by their type and rank in ascending and descending order. Then shuffle it and display the cards.			
13	Load the student's details from studinfo.txt to an array and display all students information in tabular format.			
14	Create an array and apply following functions and display the results: i. each ii. Current iii. Reset iv. End v. pos vi. Prev vii. array_walk viii. Count ix. Sizeof x. array_count_values xi. Extract			
15	Write a simple php script which evalutes following string functions and display the output: i. ltrim ii. Rtrim iii. Trim iv. Str_pad v. Lcfist vi. Ucfirst vii. Ucwords viii.ucfirst ix. Strtolower x. Strtoupper xi. Strrev xii. Str_shuffle xiii. Str_repeat xiv. Explode xv. Implode xvi. Strcmp xvii. Strcasecmp xviii. Strcasecmp xix. Strnatcmp xx. Strnatcasecmp xxi. Strlen xxii. Strstr xxiii. Strchr xxiv. Strchr xxv. Stristr xxvi. Strpos xxvii. Strrpos xxviii. Str_replace xxix. Subbstr_replace			
16	Write a php script which ask user to enter username and password. Validate the username by that a. username only includes alphanumeric characters only Username must begin with character only The password a. Must contain at least one punctuation mark. b. Must contain at least one digit			
	<b><u>Practical Assignment 2</u></b>	98	02/07/2020	
1	Write a PHP script which allows user to enter product code, product name, product price and discount percentage. The program must use a function to calculate discounted amount calculate net pay amount.			

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2	Write a PHP script file which make your pages have the same look. [Hint: use require]			
3	Write a PHP function which ask the user number of tickets to be booked. The function get the no. of booked tickets and create a table based on that which have exactly same rows as number entered by user. The value for rows are booked ticket numbers.			
4	Write a function which takes 5 number of input as array from user. Then calculate total and average and display total and average of the 5 numbers.[Hint: use & to return multiple values]			
5	Write a program to calculate factorial value by using recursive function. The value must be entered by user.			
6	Create a class Vehicle having attributes VID, ModelNo and Mileage( per litre). Write operations to calculate cost per Km by asking price of fuel from user. Implement all the attributes and operations for the class.			
7	Create a class Car which is child class of the class Vehicle. Add the operation maintenance for car class. The maintenance class has a property to calculate cost to maintain a car in good condition for a month. Write a function which provides the total maintenance cost of a car for the year.			
8	Using question 6,7 take input from user for three cars maintenance. Add these records into text file. Calculate most economical car and display car details.			
9	Make Exception handling for Question No. 8.			

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10	Write an PHP script which allows user to enter product Name, Quantity and Price. Based on the price and quantity calculate cost for each item and total cost. Make validation that the Quantity and Price must not be blanks and they are must be $\geq 0$ . If any user enter violates the rule, make appropriate exception handling.			
	<b><u>Practical Assignment 3</u></b>	121	02/07/2020	
1	Create the tables described below and insert the data : Client_master, Product_master, salesman_master, Sale_order , sale_order_details			
2	Exercises computation on table data.			
3	Exercise on Date Manipulation.			
4	Exercise on using Having and Group By Clauses.			
5	Exercise on Joins and Correlation.			
6	Exercise on Sub-queries			
7	Exercise on Constructing Sentences with data			
	<b><u>Practical Assignment 4</u></b>	141	02/07/2020	
1	Write a php script to upload a file			

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2	Write a php script which reads and display each directory as a bulleted list.			
3	Write a php script which reads and display each file of a specified directory			
4	Write a php script which reads and display each file details of a specified directory. The file details include file last access date, last modified date, owner etc.			
5	Write a php script which reads and display each file of each directory.			
6	Write a program to create, copy and delete a directory using php.			
7	Create a database in named Samay in mysql . The samay database has a table named Watch.			
8	Write a php script which will ask user to provide caption and background color of a button. The script will display the text in center of the button with background color selected by user.			
9	Write a php script which allows user to store one or more itmes in a shopping cart. When user click on continue button it moves to the previous page and allows user to change quantity of selected items. If user click on show cart button it will display shopping cart with items.			