

4/4 B.Tech - FIRST SEMESTER

IT7TL2

DISTRIBUTED OBJECT TECHNOLOGIES LAB

Credits: 2

Internal assessment: 25 marks

Lab:3 Periods/week

Semester end examination: 50 marks

Objectives:

- To explain the creation of response according to the requirements.
- To explain the server side scripting in the creation of web applications.
- To discuss the basic operations on databases which improves the dynamic nature of the web pages
- To enhance the creation of objects for accepting requests and response.
- To discuss the operations perform on databases

Outcomes:

Students will be able to

- Create a pure dynamic webpage like forum.
- Develop a web page and apply effects.
- Perform operations over database like inserting images and submitting data.
- Build authentication on applications by using cookies.
- Create and maintain sessions to the users

Prerequisites:

Java, Web Technologies.

Exercise1:

- a) Steps for the installation of Wamp Server and run through local host
- b) Write a php program to perform Arithmetic Operations.

Exercise 2:

- a)Write a PHP Program to accepts a number from the form and check whether the given number is Armstrong or not.
- b)Write a PHP program to accepts an integer from form and display it reverse order and check whether it is palindrome or not.

Exercise 3:

- a) Write a PHP program to insert an image into a database and fetch the image from the database.
- b) Write a PHP program to apply CSS to the Exercise 2(a) & 2(b).

Exercise 4:

Write a PHP program to perform user authentication by using static sessions, the login and password values are initialized by using arrays.

Exercise 5:

Write a PHP program to perform operations on files

Exercise 6:

Write a PHP program to perform CRUD operations on data by using MYSQL.

Exercise 7:

Write a PHP program to submit the data into the database and fetch the result and display in the table

Exercise 8:

Write a PHP Program to perform user authentication by using cookies and perform the CRUD operations.

Exercise 9:

Write a PHP Program to perform user authentication by an user registration and login to maintain sessions and perform the CRUD operations.

Exercise 10:

Write a php program to execute join operators in Mysql database

Exercise 11:

Write a PHP program to fetch the data and iterate the fetched data through the result set and displayed it in the form of table view

Exercise 12:

Write a PHP program which reads the data from XML file and display it in the localhost.

Text Books:

1. "PHP for the web", 4th Edition, Larry Ullman. Pearson
2. "PHP for absolute Beginners", Jason Lengstorf, Apress.

Reference Books:

1. "Head First PHP and MYSQL", 2nd Edition, Lynn Beighley. Oreilly Media.
2. "PHP Object Oriented Solutions", David Powers. Pearson

e-Learning Resources:

1. <http://thephpbasics.com/>
2. <http://www.w3schools.com/php/>
3. <http://freevidelectures.com/Course/3165/PHP-Programming#>
4. <http://www.developphp.com/video/PHP>