Assignment No-6

Title → Implement MYSQL / Oracale database connectivity with PHP / python / Java Implement Database navigation operations using ODBC / JDBC.

Objective →

- To implement MYSQL / Oracale database connectivity

Outcomes →

- Student will ~~able~~ be able to learn the database connectivity

Requirements →

Software → A code editor. (Visual studio code)
Sever package (XAMPP)

Theory →

Database connectivity is defined as the Integration of SQL with a general-purpose programming language, such as ODBC and JDBC, to provide a standard way for application programs to interact with a database through an API.
By establishing a connection, developers can perform various database operations, such as storing, update, delete, edit, retrieving etc.

Steps to connect database →

Note 1) XAMPP web server procedure

→ Start XAMPP Server by starting Apache and MySQL
→ Write PHP Script For connecting to XAMPP
→ Run it in the local browser
→ Database is successfully created which is based on the PHP code.

Step 1 - Open XAMPP and start running Apache, MySQL

Step 2 - Click on the Admin button of MySQL module on the XAMPP portal to open phpmyadmin

Step 3 - Create Database ~~by~~ in PHPMyAdmin by Clicking on the create New button to create a new database.

Step 4 - Create a folder ↔ htdocs ← XAMPP folder ← Cdrive
Inside htdocs, create a new folder named "practice" where we'll store our web files.
We must create a folder in htdocs because XAMPP uses the folders within htdocs to execute and run PHP sites.

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Step5 -> Create Database Connection File in PHP

Create a new file named db_connection.php and save it as a PHP file

Step6 -> Check Database Connection.

Step7 -> See Confirmation Message.

Conclusion -> In this practical we had successfully implemented database connectivity ~~with~~ using php.