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| Course: Web Developer | |
| Class #: 22 of 32 | # Class Hours: 3.5 hours |
| Class Title: MySQL2 | |
| Educational Objective:   * Intro to MySQL Syntax * SQL database Types, Users and Mgt. and security   Intro to MySQL: basic DB structure (DB->table->row->column), column types, basic I/O (INSERT, UPDATE/REPLACE, SELECT), ODBC, indexes (INDEX vs PRIMARY vs UNIQUE); | |
| Lecture Notes (Attach File \*.pdf) | |
| Class Activity (include here or attach \*.pdf)  Setup MySQL Database, users , on Cpanel  Write a program that stores form input in the DB and retrieves it for display | |
| Class Handouts: (attach file \*pdf)  DB Structure Handout, <http://cse.unl.edu/~sscott/ShowFiles/SQL/CheatSheet/SQLCheatSheet.html> | |
| Homework (include here or attach \*.pdf)   * Read lessons 12-17 in PHP MySQL Book, Andrea Tarr (Pages161-221) * Finish Treehouse Lesson- Database Foundations lesson * Begin Treehouse Lesson -Build a Basic PHP Website * Practice Posting and retrieving data from DB using SQL statements   Course Learning Outcomes: As a result of taking this course, the student will be able to:   * Become proficient in PHPMyAdmin and MySQL Databases interfaces * Create and manipulate table data using SQL statements * Apply the various SQL commands. * Create database objects including tables, views, and indexes. * Use SQL statements to populate tables. * Use various forms of the SELECT statement to query the database including FROM, WHERE, GROUP BY, and ORDER. * Use various forms of the SELECT statement to update the database including FROM, WHERE, GROUP BY, and ORDER. * Describe and use operators and sorting to display data * Perform aggregate functions and join tables using SQL statements | |

Instructor: \_ Date: