CPET 499/ITC 250 Web Systems

Chapter 11 Working with Databases Part 1 of 3

Text Book:

* Fundamentals of Web Development, 2015, by Randy Connolly and Ricardo Hoar, published by Pearson

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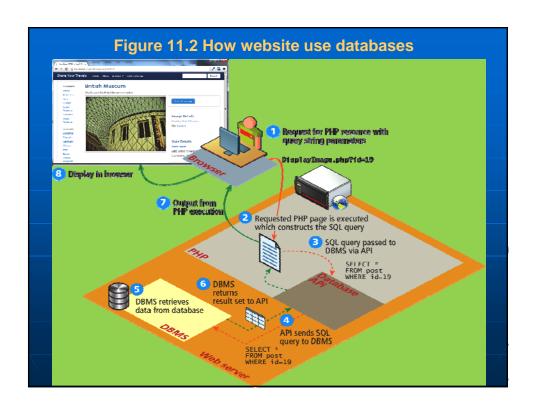
Topics

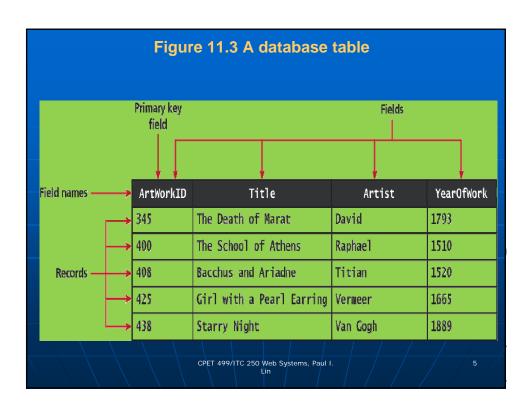
- Database and Web Development
 - The Role of Database in Web Development
 - Database Design
 - Database Options
- SQL (Structure Query Language)
 - SELECT Statement
 - INSERT, UPDATE, and DELETE Statements
 - Transactions: Local Transactions, Distributed Transactions
 - Data Definition Statements
 - Database Indexes and Efficiency

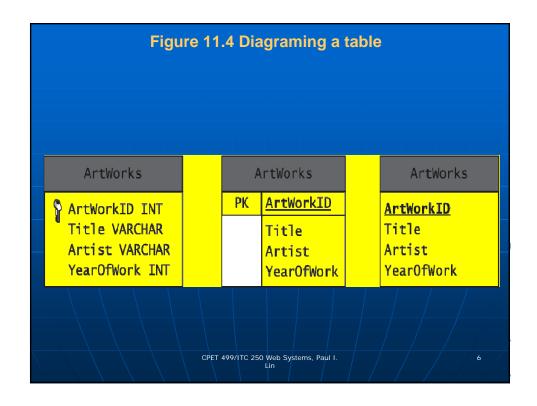
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■ BIT ■ BLOG – Binary Large Object ■ CHAR(n) – a fixed number of character (n = number of chars) that are padded with spaces to fill the field ■ DATE ■ FLOAT, DOUBLE, DECIMAL ■ INT, SMALLINT ■ VARCHAR(n) – a variable number of characters (n = maximum number of chars with no space padding)

