

Web Programming

Chapter 6.1

Exercise 1

- ◆ Download and install MySQL server

Exercise 2 (1/2)

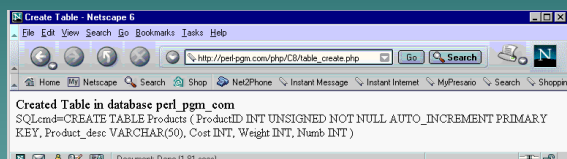
- ◆ Note: Your CMD window must be taken a screenshot for each command executed so that I can check later.
- ◆ Execute basic SQL commands
 - Open command line CMD
 - ◆ Access to MySQL folder
 - CD C:\Program Files\MySQL\MySQL Server 5.0\bin
 - ◆ Or set environment variables
 - Try:
 - ◆ `mysql -uusername -ppassword`
 - ◆ `exit;`
 - ◆ `mysql -uusername -p`
 - ◆ `exit;`

Exercise (2/2)

- ◆ Try
 - show database;
 - use database mysql;
 - show tables;
 - desc db;
 - create database SampleDB;
 - use SampleDB;
 - create table Products(ProductID int, Product_desc text);
 - desc Products;

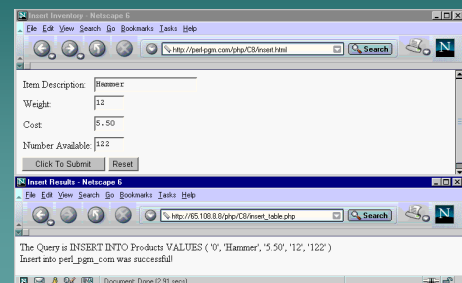
Exercise 3

- ◆ Create a table using php (slide 20)



Exercise 4

- ◆ Insert data to a table, using php (slide 26)



Exercise 5

- Retrieve data from a table (Slide 33)

Table Output - Netscape 6

File Edit View Search Go Bookmarks Tasks Help

http://85.108.8.8/php/CS/query.php

Products Data

The query is `SELECT * FROM Products`

Num	Product	Cost	Weight	Count
1	Hammer	12	5	123
2	Screw Driver	2	3	144
3	Wrench	1	2	244

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Exercise 6

- Search for specific records (slide 39)

Inventory Search - Netscape 6

http://85.108.8.8/php/CS/search.html

Inventory Search

Enter product to search for:

Search Results - Netscape 6

http://85.108.8.8/php/CS/search.php

Products Data

The query is `SELECT * FROM Products WHERE (Product_desc = 'Hammer')`

Num	Product	Cost	Weight	Count
0	Hammer	5	12	123

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Exercise 7

- Update data for a table (slide 47)

http://85.108.8.8/php/CS/update.php

Select Product We Just Sold:

Hammer ☐ Screwdriver ☐ Wrench ☐

Product Update Results - Netscape 6

http://85.108.8.8/php/CS/update.php

Update Results for Table Products

The query is `UPDATE Products SET Num = Num-1 WHERE (Product_desc = 'Hammer')`

Num	Product	Cost	Weight	Count
2	Wrench	2	1	150
1	Screwdriver	2	2	144
0	Hammer	5	12	122

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