



Computer Science E-75

Building Dynamic Websites

Harvard Extension School

<http://www.cs75.net/>

Lecture 5: SQL

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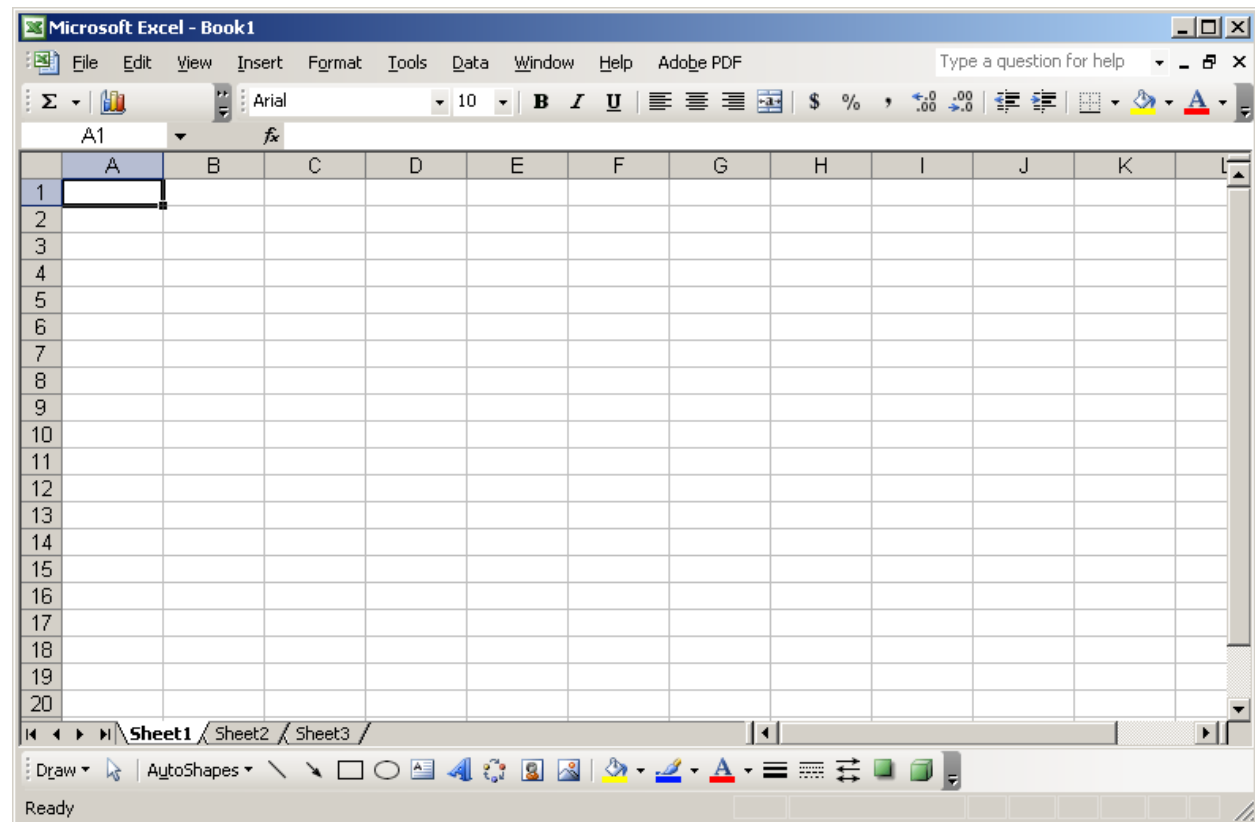
Grades

3 x correctness:	poor (1)	fair (2)	good (3)	better (4)	best (5)
2 x design:	poor (1)	fair (2)	good (3)	better (4)	best (5)
1 x style:	poor (1)	fair (2)	good (3)	better (4)	best (5)

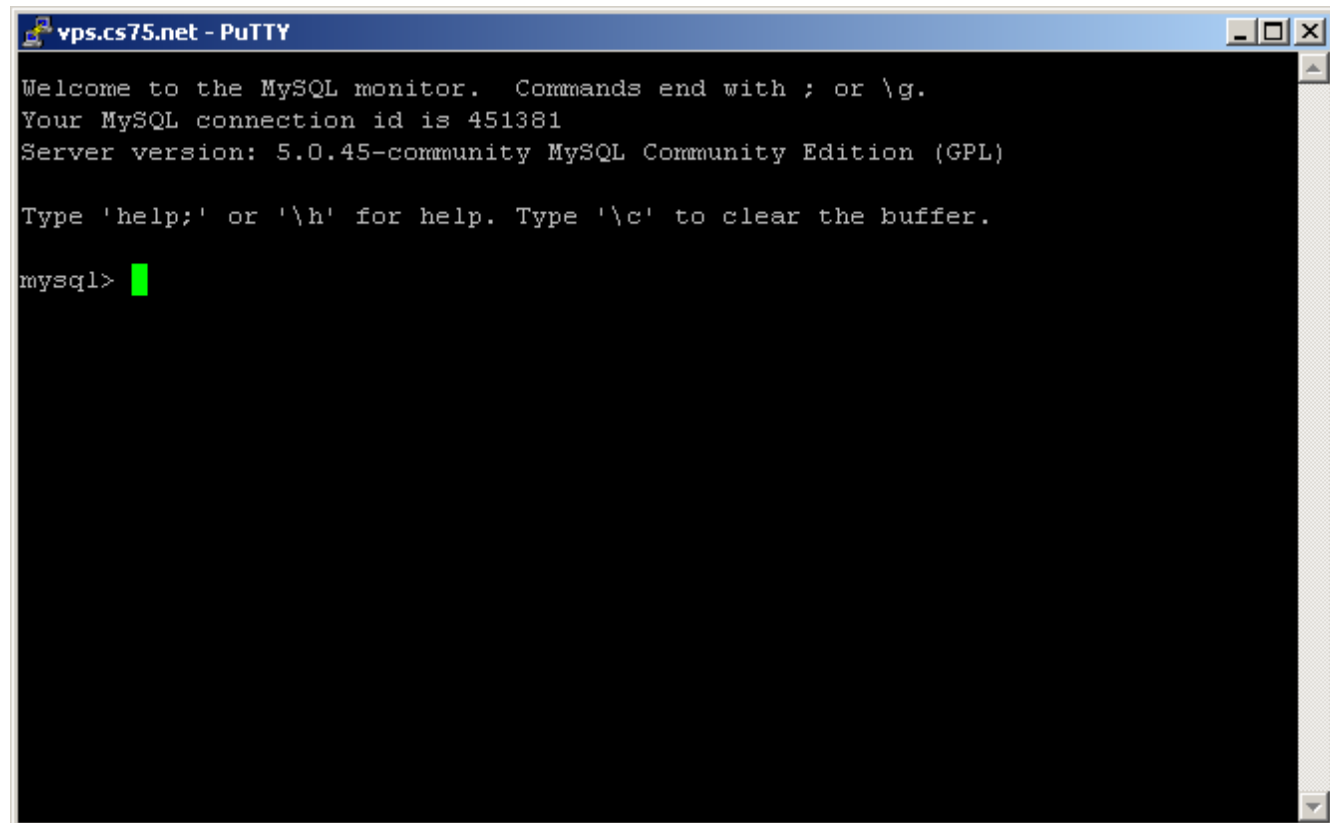
Databases

- CSV
 - `fputcsv`
- XML
 - `SimpleXMLElement::asXML`
- MySQL
 - `mysql_query`
- SQLite
 - `PDO::query`
- ...

Relational Databases



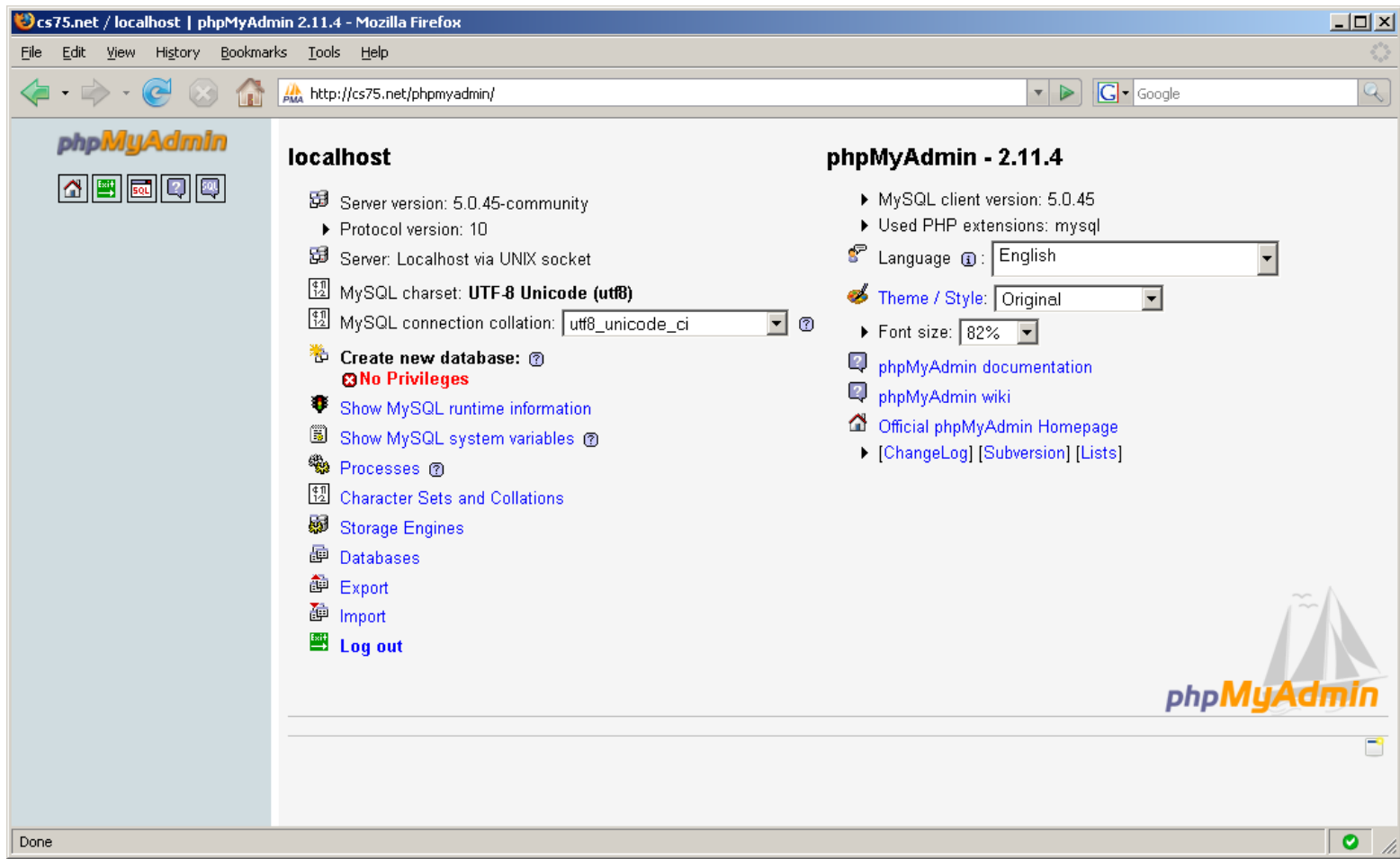
MySQL



The image shows a terminal window titled "vps.cs75.net - PuTTY". The terminal displays the following text:

```
Welcome to the MySQL monitor.  Commands end with ; or \g.  
Your MySQL connection id is 451381  
Server version: 5.0.45-community MySQL Community Edition (GPL)  
  
Type 'help;' or '\h' for help. Type '\c' to clear the buffer.  
  
mysql> █
```

phpMyAdmin



SQL

- CREATE
- ALTER
- DROP

- SELECT
- INSERT
- UPDATE
- DELETE

- . . .



MySQL

<http://dev.mysql.com/doc/refman/5.0/en/>

Indexes, Constraints

- PRIMARY KEY
- INDEX
- UNIQUE
- FULLTEXT

Authentication

Log In

Please provide your username and password for cs75.net.

Username:

Password:

keep me logged in until I click **log out** atop page

Lunch

http://www.rebeccascafe.com/wraps_sandwiches_boston_catering.html

http://www.rebeccascafe.com/salads_boston_catering_lunch.html





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