

How to save your database for future use:

```
db$ mysqldump -S /opt/lampp/var/mysql/mysql.sock -u PUNetID -p  
databaseName > databaseName.sql
```

How to reload your database in another MySQL server:

```
mysql> create database databaseName;
```

```
mysql> source databaseName.sql
```

<http://www.apachefriends.org/en/xampp.html>  
download & install webserver, php, MySQL

Indexing

why is indexing important?

2 files: what are they?

hash/B+ tree (vs Binary Search Tree)

$O()$ ?

Web/DB architecture

browser/web server/php/db

who talks to whom? who produces what? why?

session

Transactions

properties

Access vs MySQL

Redundancy

DB Design steps

E-R diagrams

SQL queries

DBMS Features