

## Working with a Database:

Read the lecture notes, textbook, and watch the videos first to help you with this assignment.

1. Create a php file which reads from and writes to the database.
2. Have the site look nice – you can choose any topic you want (ex. inserting/searching through authors, etc.)
3. To test go to XAMPP and click on start in both Apache and MySQL.
  - a. Set/change the MySQL Root password by clicking on shell in XAMPP and typing the below where *secret* is the password you would like to use.

```
mysqladmin.exe -u root password secret
```

- b. Then edit the config.inc file which is in the phpMyAdmin directory (probably C:\xampp\phpMyAdmin) and add the below where *secret* is the password you entered.

```
$cfg['Servers'][$i]['password'] = 'secret ';
```

- c. Use this new password as the password when connecting to the database (see lecture notes and videos)
4. Upload to server:
  - a. Upload the php file – Note: before uploading you will need to modify the username and password and database name to connect to the database on the cs server.
  - b. Next, go to [cs.neiu.edu/phpmyadmin](http://cs.neiu.edu/phpmyadmin)
    - i. Export the sql from phpmyadmin locally to phpmyadmin on the CS server (see video) – or you can recreate the table, rows, etc. again.
  - c. Test it by going to your URL and seeing if it works!

Submit to the dropbox titled Database:

1. A url
2. Zipped code