

CS1520  
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Recitation 8  
Database Interactions

**Begin:** Login to `unixs.cis.pitt.edu` and navigate to the public directory. Once there, enter the following commands into the terminal to set up the folder:

```
mkdir csweb
cd csweb
fs setacl -dir . -acl system:anyuser none
fs setacl -dir . -acl labrinid rl
fs setacl -dir . -acl cmt69 rl
fs setacl -dir . -acl csweb rliwdk
```

**Create a Table:**

You should have received an email from Dr. Labrinidis with a url and a username/password of some sort. Log in and we will create a table “doctors” with 6 columns:

- ID, int, auto-increment
- name, varchar, size: 50
- type, varchar, size: 50
- salary, int, size 10
- hospital, varchar, size: 50
- school, varchar, size: 75

You can do this either through the gui or a CREATE TABLE (I will show you how to do both).

**Insert a new line:**

First, use an insert query in PHPmyAdmin to insert one line. I will walk you through it.

**Insert a few lines:**

Next, using the provided `data.php`, access your database and insert each newly created random combination printed on the screen into the doctor table from above. Each page reload should be a new insert.

**Query the database:**

Write a `query.php` script to access the database through some queries. First, print the contents of the database. Next, print just those with the same name. Then, print those who make more than \$100,000. I will do a quick example of the syntax needed.

**Insert Infinite Lines (or like 5):**

Now, use the URL to dictate how many doctors should be inserted.