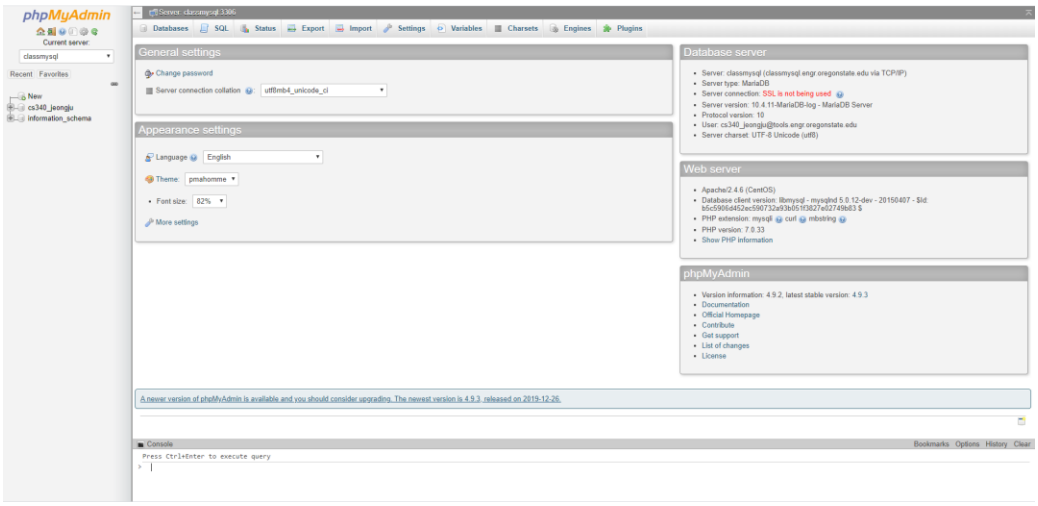
Junhyeok Jeong

CS 340- 400

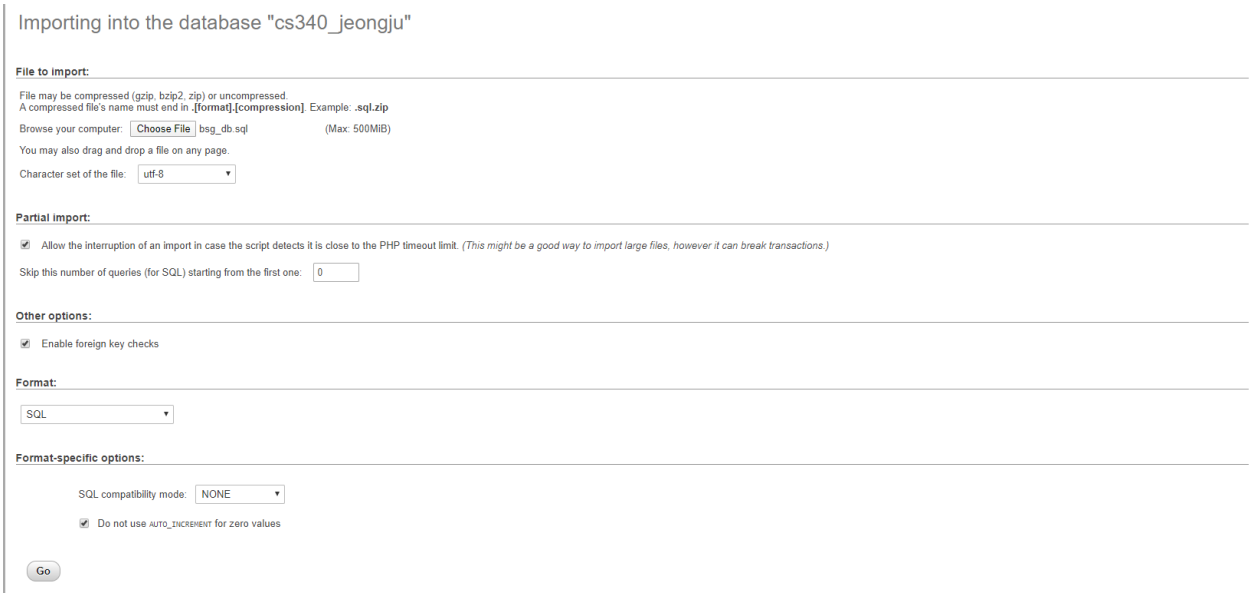
Assignment 0: Access and Use the CS340 Database

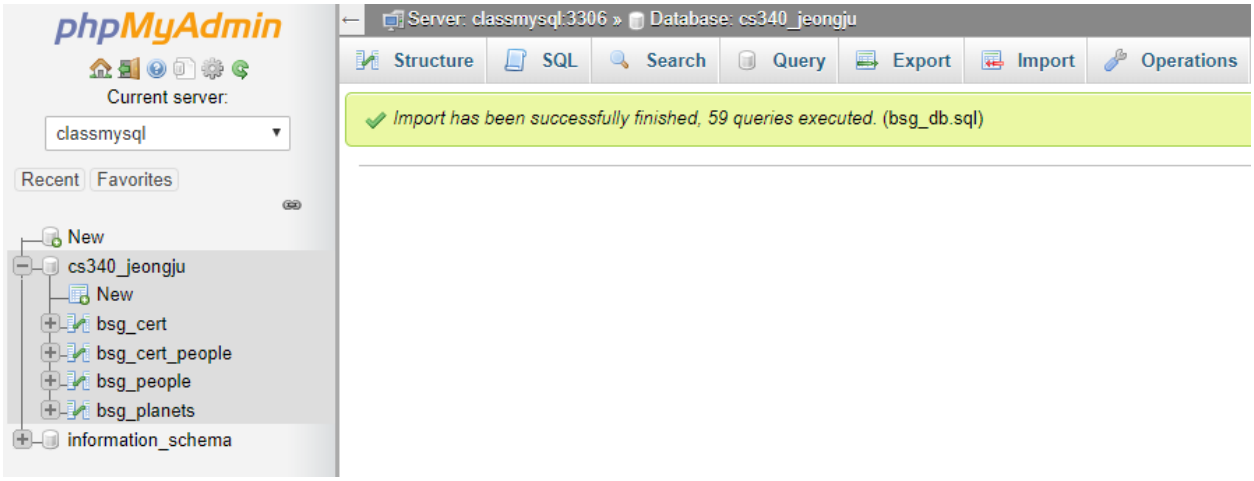
Way 1

1. login PHPmyadmin

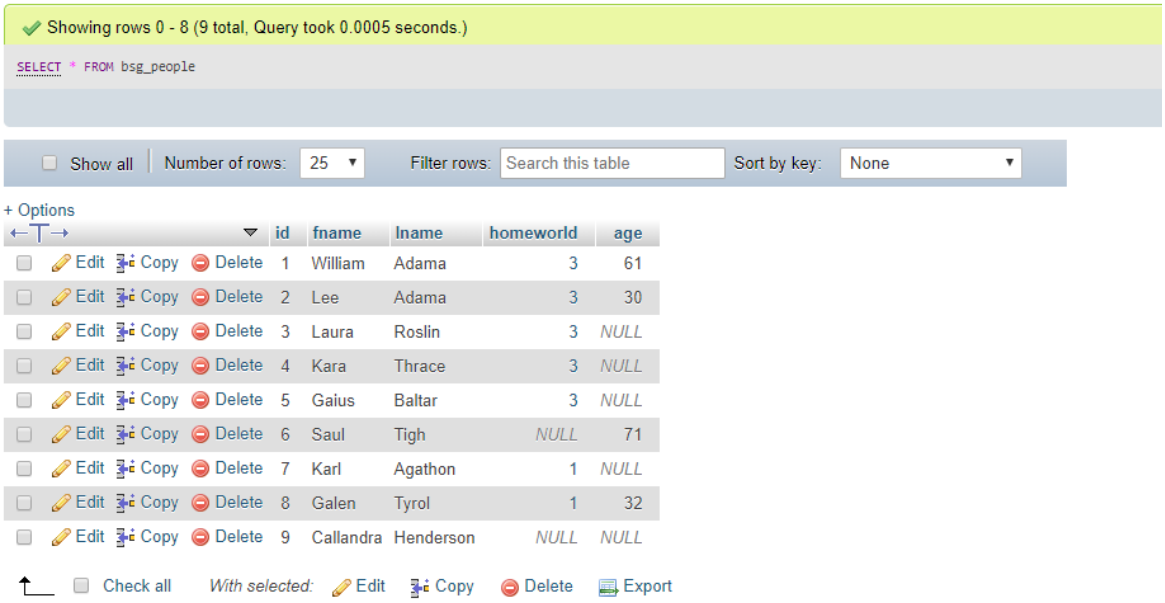


2. Import bsg_db.sql



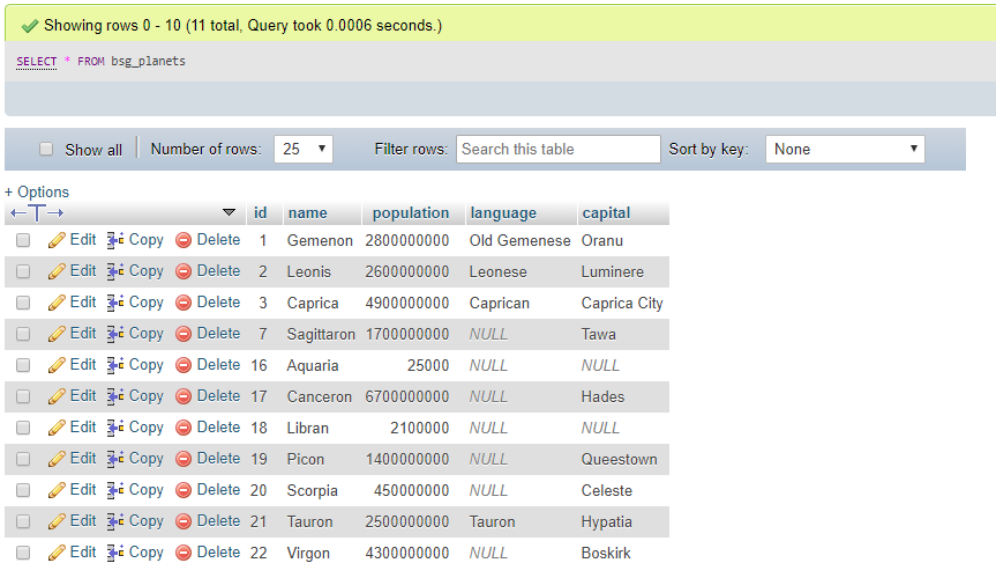


3. Run the specified queries



	id	fname	lname	homeworld	age
Edit Copy Delete	1	William	Adama	3	61
Edit Copy Delete	2	Lee	Adama	3	30
Edit Copy Delete	3	Laura	Roslin	3	NULL
Edit Copy Delete	4	Kara	Thrace	3	NULL
Edit Copy Delete	5	Gaius	Baltar	3	NULL
Edit Copy Delete	6	Saul	Tigh	NULL	71
Edit Copy Delete	7	Karl	Agathon	1	NULL
Edit Copy Delete	8	Galen	Tyrol	1	32
Edit Copy Delete	9	Callandra	Henderson	NULL	NULL

Check all With selected: Edit Copy Delete Export



Showing rows 0 - 10 (11 total, Query took 0.0006 seconds.)

```
SELECT * FROM bsg_planets
```

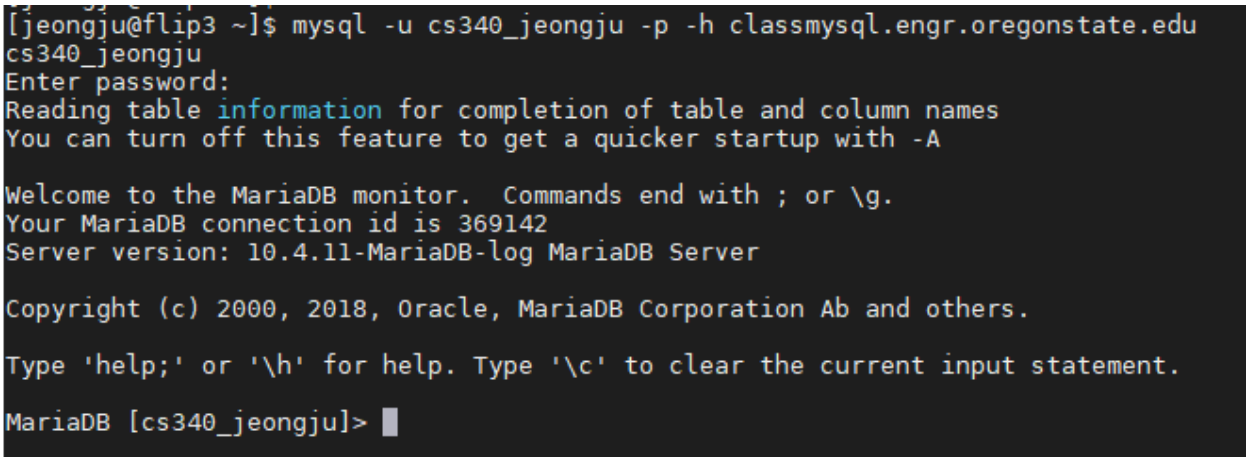
Show all | Number of rows: 25 | Filter rows: Search this table | Sort by key: None

+ Options

	id	name	population	language	capital
Edit Copy Delete	1	Gemenon	2800000000	Old Gemenese	Oranu
Edit Copy Delete	2	Leonis	2600000000	Leonese	Luminere
Edit Copy Delete	3	Caprica	4900000000	Caprican	Caprica City
Edit Copy Delete	7	Sagittaron	1700000000	NULL	Tawa
Edit Copy Delete	16	Aquaria	25000	NULL	NULL
Edit Copy Delete	17	Canceron	6700000000	NULL	Hades
Edit Copy Delete	18	Libran	2100000	NULL	NULL
Edit Copy Delete	19	Picon	1400000000	NULL	Queestown
Edit Copy Delete	20	Scorpia	450000000	NULL	Celeste
Edit Copy Delete	21	Tauron	2500000000	Tauron	Hypatia
Edit Copy Delete	22	Virgon	4300000000	NULL	Boskirk

Way 2 (I tried to do both ways)

1. Login MariaDB through SSH



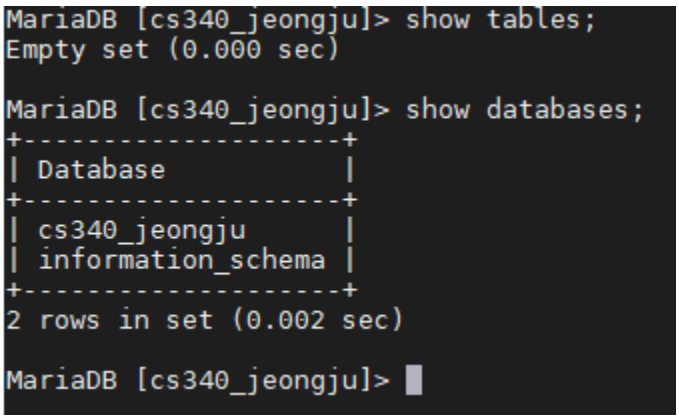
```
[jeongju@flip3 ~]$ mysql -u cs340_jeongju -p -h classmysql.engr.oregonstate.edu
cs340_jeongju
Enter password:
Reading table information for completion of table and column names
You can turn off this feature to get a quicker startup with -A

Welcome to the MariaDB monitor.  Commands end with ; or \g.
Your MariaDB connection id is 369142
Server version: 10.4.11-MariaDB-log MariaDB Server

Copyright (c) 2000, 2018, Oracle, MariaDB Corporation Ab and others.

Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.

MariaDB [cs340_jeongju]>
```



```
MariaDB [cs340_jeongju]> show tables;
Empty set (0.000 sec)

MariaDB [cs340_jeongju]> show databases;
+--------------------+
| Database           |
+--------------------+
| cs340_jeongju      |
| information_schema |
+--------------------+
2 rows in set (0.002 sec)

MariaDB [cs340_jeongju]>
```

2. Import bsg_db.sql

```
MariaDB [cs340_jeongju]> source ~/cs340/bsg_db.sql
Query OK, 0 rows affected (0.000 sec)

Query OK, 0 rows affected (0.000 sec)

Query OK, 0 rows affected (0.000 sec)

Query OK, 0 rows affected (0.000 sec)

Query OK, 0 rows affected (0.000 sec)

Query OK, 0 rows affected (0.000 sec)

Query OK, 0 rows affected (0.000 sec)

Query OK, 0 rows affected (0.000 sec)

Query OK, 0 rows affected (0.000 sec)

Query OK, 0 rows affected (0.000 sec)

Query OK, 0 rows affected (0.000 sec)
```

```
MariaDB [cs340_jeongju]> show tables;
+-------------------------+
| Tables_in_cs340_jeongju |
+-------------------------+
| bsg_cert                |
| bsg_cert_people         |
| bsg_people              |
| bsg_planets             |
+-------------------------+
4 rows in set (0.001 sec)

MariaDB [cs340_jeongju]>
```

3. Run the specified query

```
MariaDB [cs340_jeongju]> select * from bsg_people;
+----+-----------+-----------+-----------+------+
| id | fname     | lname     | homeworld | age  |
+----+-----------+-----------+-----------+------+
|  1 | William   | Adama     |         3 |   61 |
|  2 | Lee       | Adama     |         3 |   30 |
|  3 | Laura     | Roslin    |         3 | NULL |
|  4 | Kara      | Thrace    |         3 | NULL |
|  5 | Gaius     | Baltar    |         3 | NULL |
|  6 | Saul      | Tigh      |      NULL |   71 |
|  7 | Karl      | Agathon   |         1 | NULL |
|  8 | Galen     | Tyrol     |         1 |   32 |
|  9 | Callandra | Henderson |      NULL | NULL |
+----+-----------+-----------+-----------+------+
9 rows in set (0.001 sec)
```