

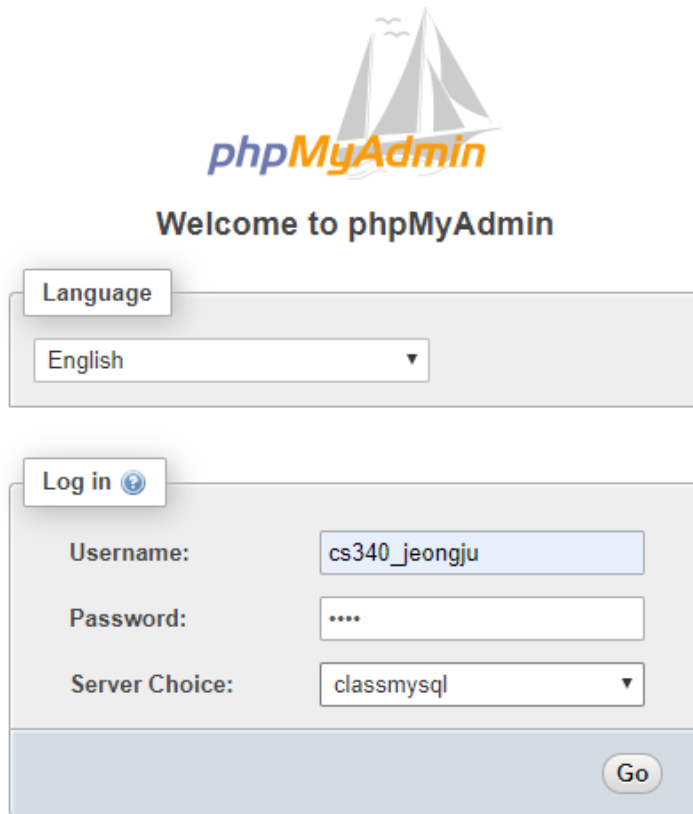
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CS 340- 400

### Assignment 0: Access and Use the CS340 Database

Way 1

1. login PHPmyadmin



The image shows the phpMyAdmin login interface. At the top, there is a logo for phpMyAdmin featuring a sailboat and the text "phpMyAdmin". Below the logo, it says "Welcome to phpMyAdmin". There are two main sections: "Language" and "Log in". The "Language" section has a dropdown menu set to "English". The "Log in" section has three input fields: "Username:" with the value "cs340\_jeongju", "Password:" with four dots, and "Server Choice:" with a dropdown menu set to "classmysql". A "Go" button is located at the bottom right of the "Log in" section.

phpMyAdmin

Welcome to phpMyAdmin

Language

English

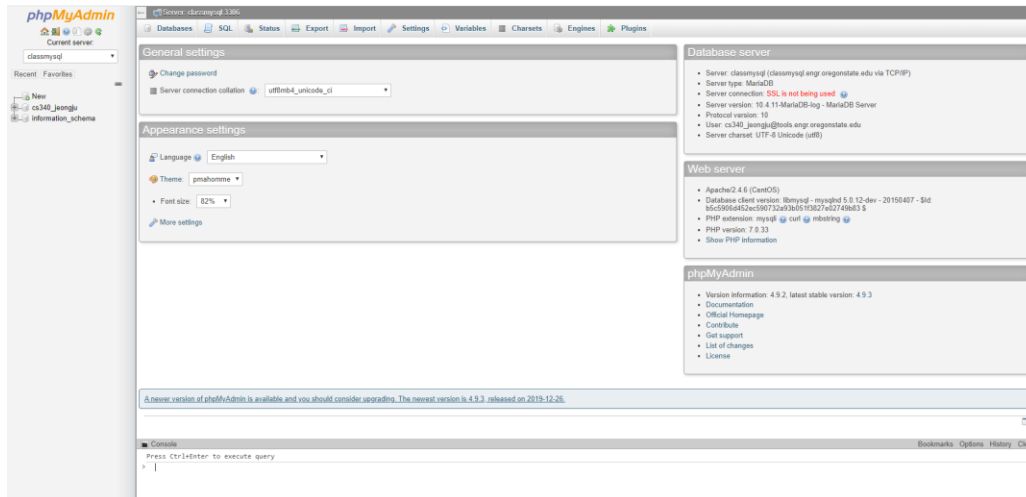
Log in

Username: cs340\_jeongju

Password: ....

Server Choice: classmysql

Go



## 2. Import bsg\_db.sql

Importing into the database "cs340\_jeongju"

### File to import:

File may be compressed (gzip, bzip2, zip) or uncompressed.  
A compressed file's name must end in `.[format].[compression]` Example: `.sql.zip`  
Browse your computer:  bsg\_db.sql (Max: 500MiB)  
You may also drag and drop a file on any page.  
Character set of the file:

### Partial import:

☒ Allow the interruption of an import in case the script detects it is close to the PHP timeout limit. (This might be a good way to import large files, however it can break transactions.)  
Skip this number of queries (for SQL) starting from the first one:

### Other options:

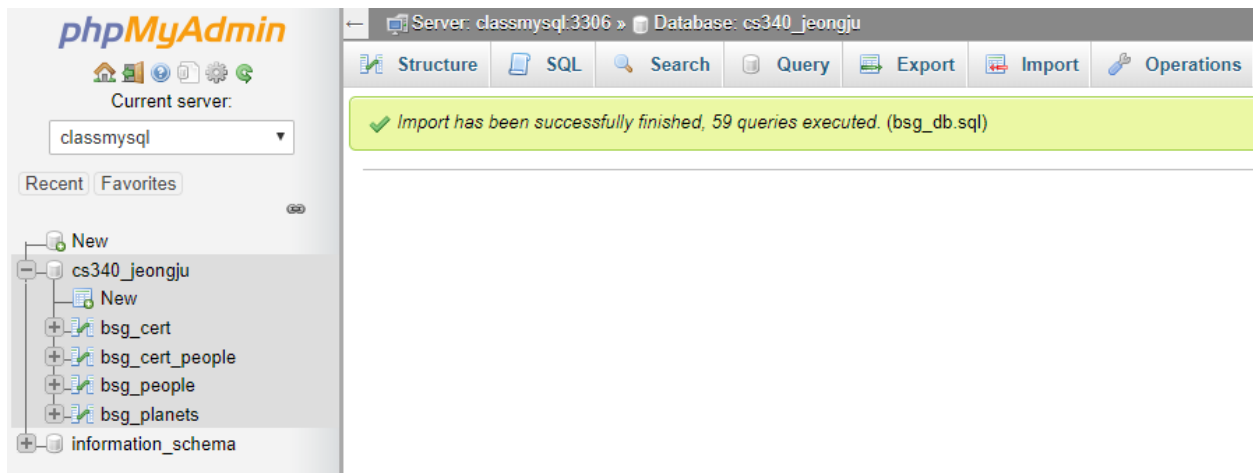
☒ Enable foreign key checks

### Format:

### Format-specific options:

SQL compatibility mode:

☒ Do not use `AUTO_INCREMENT` for zero values



### 3. Run the specified queries

Run SQL query/queries on database cs340\_jeongju:

```
1 SELECT * FROM bsg_people;
```

✓ Showing rows 0 - 8 (9 total, Query took 0.0005 seconds.)

```
SELECT * FROM bsg_people
```

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

+ Options

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

☐ Check all | With selected: Edit Copy Delete Export

Run SQL query/queries on database cs340\_jeongju:

```
1 SELECT * FROM bsg_planets;
```

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
<input type="checkbox"/>	Edit	Copy	Delete	1	Gemenon	2800000000	Old Gemenese	Oranu
<input type="checkbox"/>	Edit	Copy	Delete	2	Leonis	2600000000	Leonese	Luminere
<input type="checkbox"/>	Edit	Copy	Delete	3	Caprica	4900000000	Caprican	Caprica City
<input type="checkbox"/>	Edit	Copy	Delete	7	Sagittaron	1700000000	NULL	Tawa
<input type="checkbox"/>	Edit	Copy	Delete	16	Aquaria	25000	NULL	NULL
<input type="checkbox"/>	Edit	Copy	Delete	17	Canceron	6700000000	NULL	Hades
<input type="checkbox"/>	Edit	Copy	Delete	18	Libran	2100000	NULL	NULL
<input type="checkbox"/>	Edit	Copy	Delete	19	Picon	1400000000	NULL	Queestown
<input type="checkbox"/>	Edit	Copy	Delete	20	Scorpia	450000000	NULL	Celeste
<input type="checkbox"/>	Edit	Copy	Delete	21	Tauron	2500000000	Tauron	Hypatia
<input type="checkbox"/>	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)
```

```
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)
```