Ellen Yim

Lab 2

Steps 2-8 (section 2)

```
[eyim009@class-036 needed_files]$ pg_ctl status
pg_ctl: server is running (PID: 504816)
/usr/bin/postgres "-D" "/tmp/eyim009/myDB/data" "-c" "unix_socket_directories=/tmp/eyim009/myDB/sockets" "-p" "8192"
[eyim009@class-036 needed_files]$ source ./createPostgreDB.sh
creating db named ... eyim009_DB
pg_ctl: server is running (PID: 504816)
/usr/bin/postgres "-D" "/tmp/eyim009/myDB/data" "-c" "unix_socket_directories=/tmp/eyim009/myDB/sockets" "-p" "8192"
[eyim009@class-036 needed_files]$
```

Step 2, 3)

```
[eyim009_DB=# CREATE TABLE Students(SID numeric(9,0), Name text, Grade float);
CREATE TABLE
[eyim009_DB=# \dt
           List of relations
  Schema  |   Name   | Type  |  Owner
 ---------+----------+-------+---------
  public  | students | table | eyim009
(1 row)
```

Steps 4,5,6)

```
[eyim009_DB=# INSERT INTO Students VALUES(860507041, 'John Anderson', 3.67);
INSERT 0 1
[eyim009_DB=# INSERT INTO Students VALUES(860309067, 'Tom Kamber', 3.12);
INSERT 0 1
[eyim009_DB=# SELECT SID, Name, Grade FROM Students WHERE SID = 860507041;
    sid     |     name      | grade
-----------+---------------+-------
 860507041 | John Anderson |  3.67
(1 row)
```

Steps 7,8)

```
[eyim009_DB=# INSERT INTO Students VALUES(860704039, 'George Haggerty', 3.67);
INSERT 0 1
[eyim009_DB=# SELECT SID, Name, Grade FROM Students WHERE Grade=3.67;
    sid     |      name       | grade
-----------+-----------------+-------
 860507041 | John Anderson   |  3.67
 860704039 | George Haggerty |  3.67
(2 rows)

[eyim009_DB=# \q
[eyim009@class-036 needed_files]$ vim "$USER"_script.sql
[eyim009@class-036 needed_files]$ psql -h localhost -p $PGPORT "$USER"_DB < "$USER"_script.sql
DROP TABLE
[eyim009@class-036 needed_files]$
```