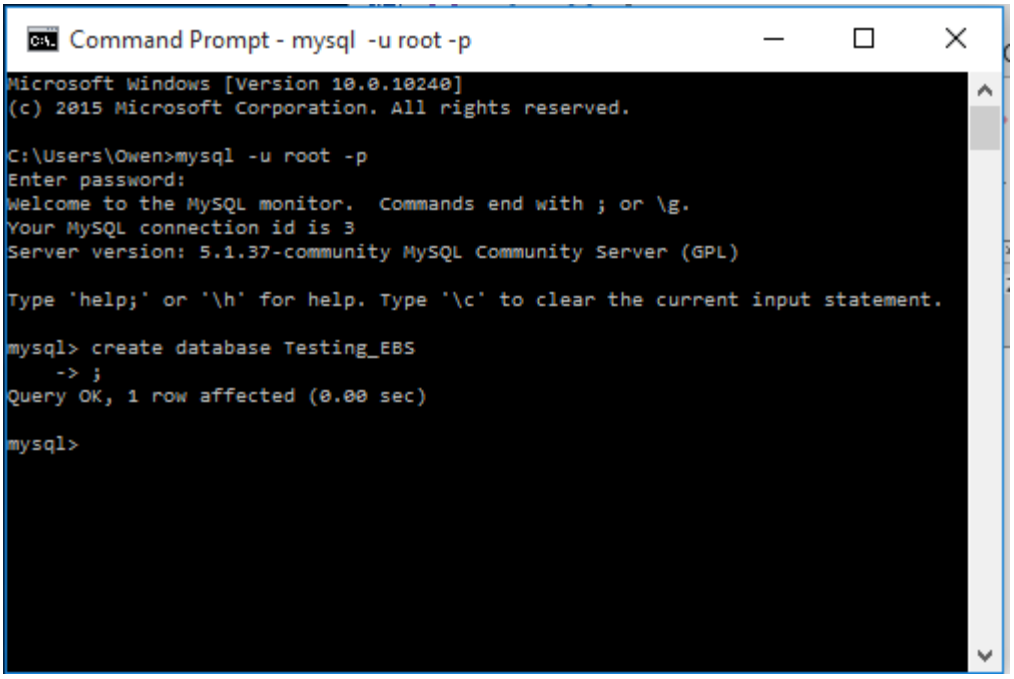
Owen Dix

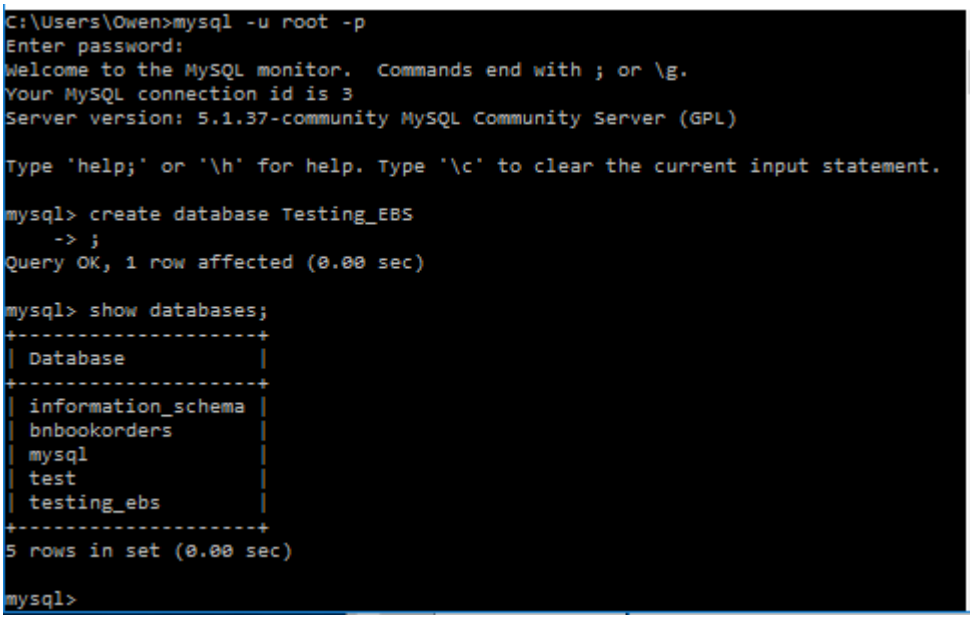
9/12/2015

Create and Drop Databases and Tables

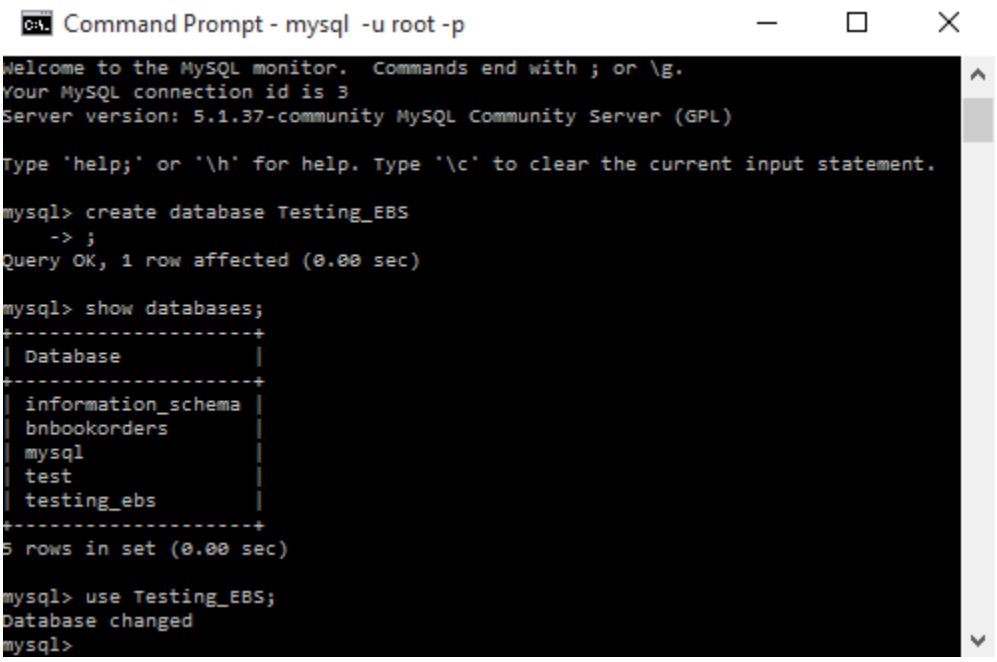
4.



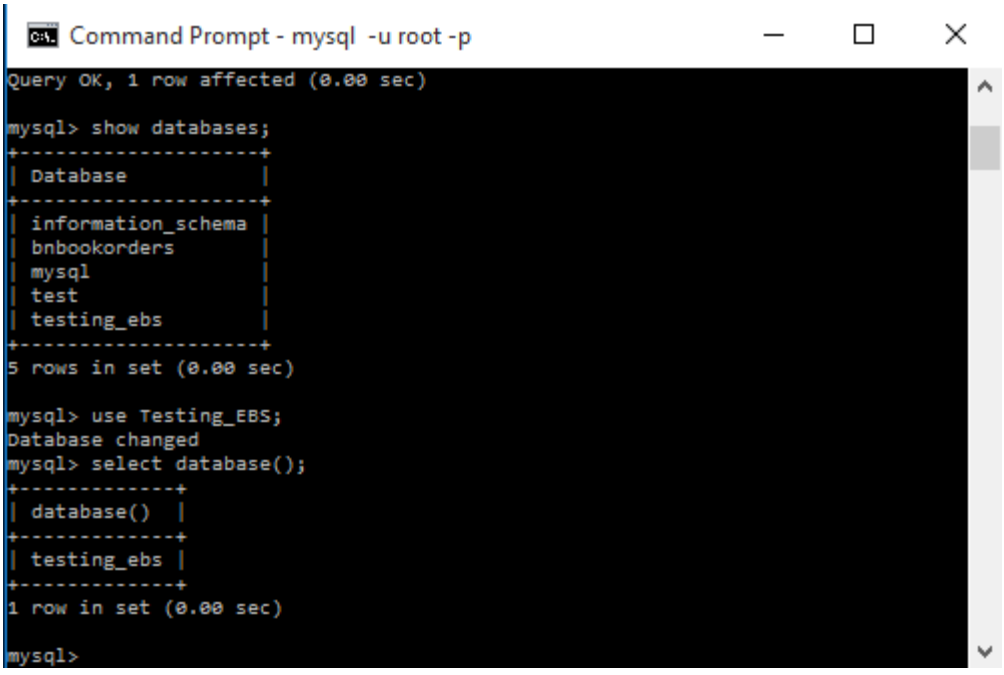

5.



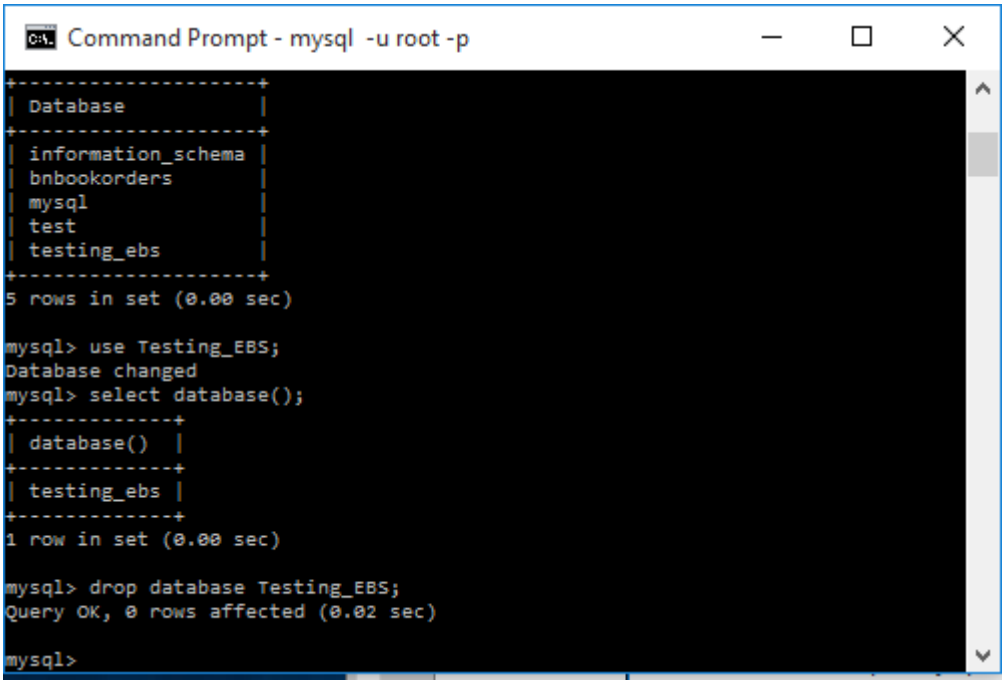
6.


Command Prompt - mysql -u root -p
Welcome to the MySQL monitor. Commands end with ; or \g.
Your MySQL connection id is 3
Server version: 5.1.37-community MySQL Community Server (GPL)
Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.
mysql> create database Testing_EBS
-> ;
Query OK, 1 row affected (0.00 sec)
mysql> show databases;
+--------------------+
| Database |
+--------------------+
| information_schema |
| bnbookorders |
| mysql |
| test |
| testing_ebs |
+--------------------+
5 rows in set (0.00 sec)
mysql> use Testing_EBS;
Database changed
mysql>

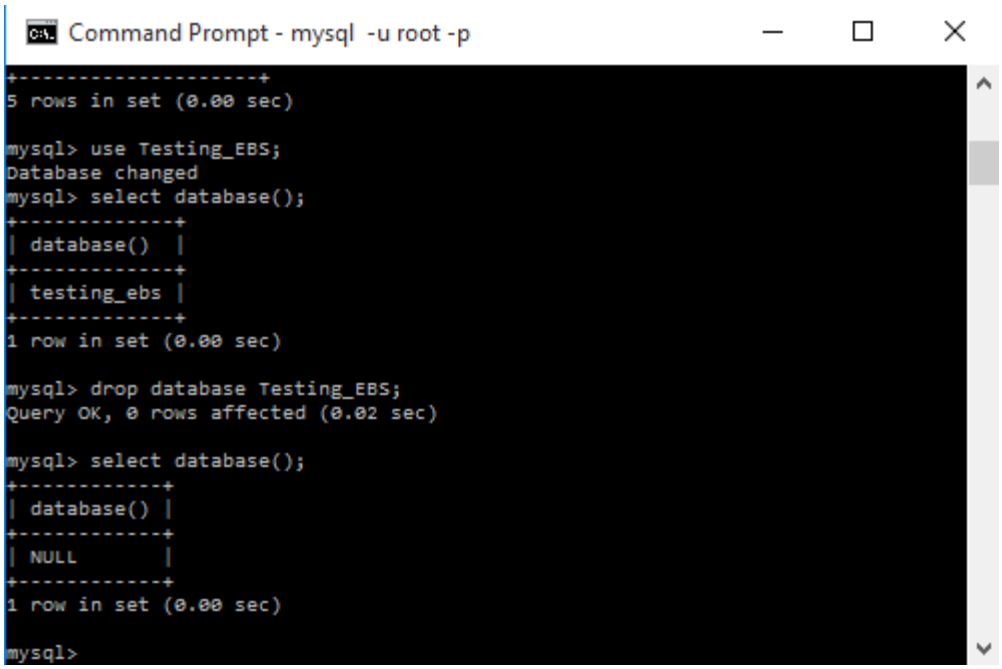
7.


Command Prompt - mysql -u root -p
Query OK, 1 row affected (0.00 sec)
mysql> show databases;
+--------------------+
| Database |
+--------------------+
| information_schema |
| bnbookorders |
| mysql |
| test |
| testing_ebs |
+--------------------+
5 rows in set (0.00 sec)
mysql> use Testing_EBS;
Database changed
mysql> select database();
+-------------+
| database() |
+-------------+
| testing_ebs |
+-------------+
1 row in set (0.00 sec)
mysql>

8.

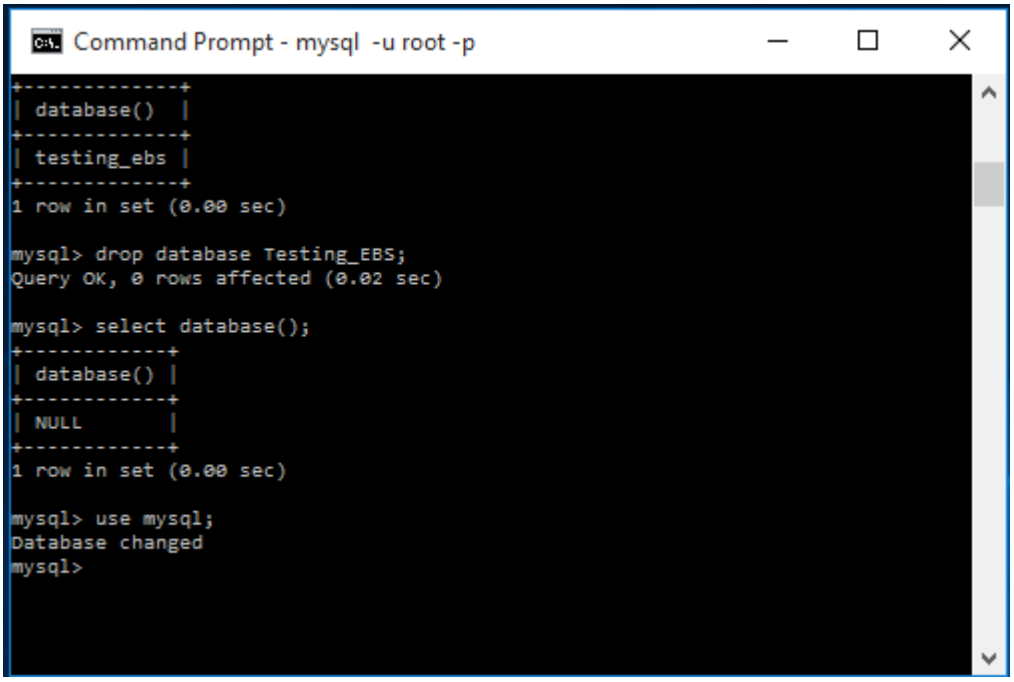



9.

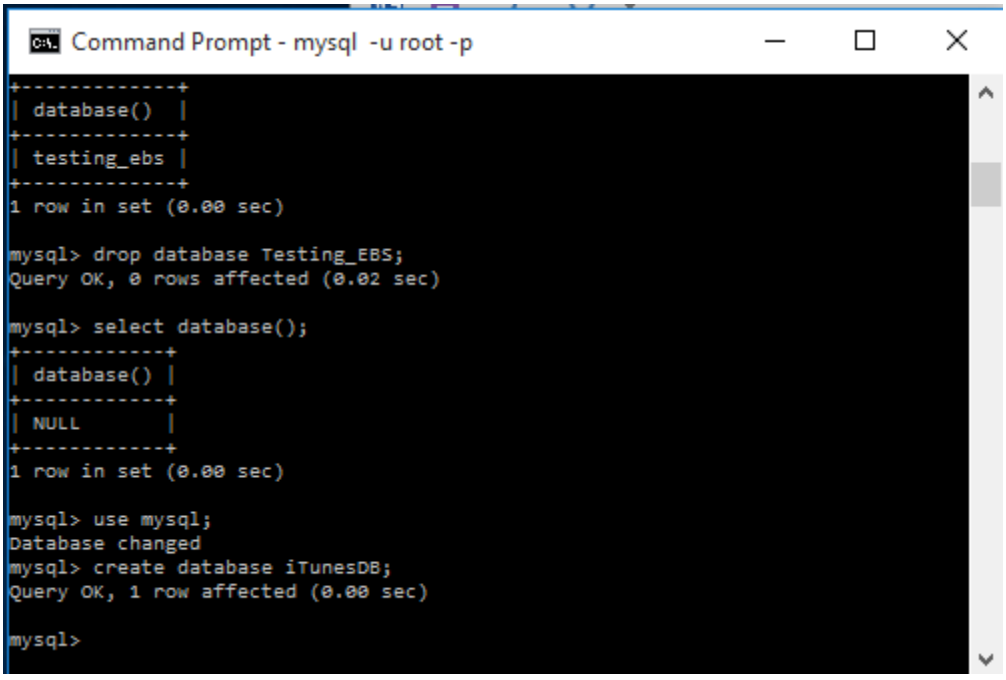



The command select database() shows null because I was previously in the Testing_EBS database, but this was just dropped so I am no longer in a database.

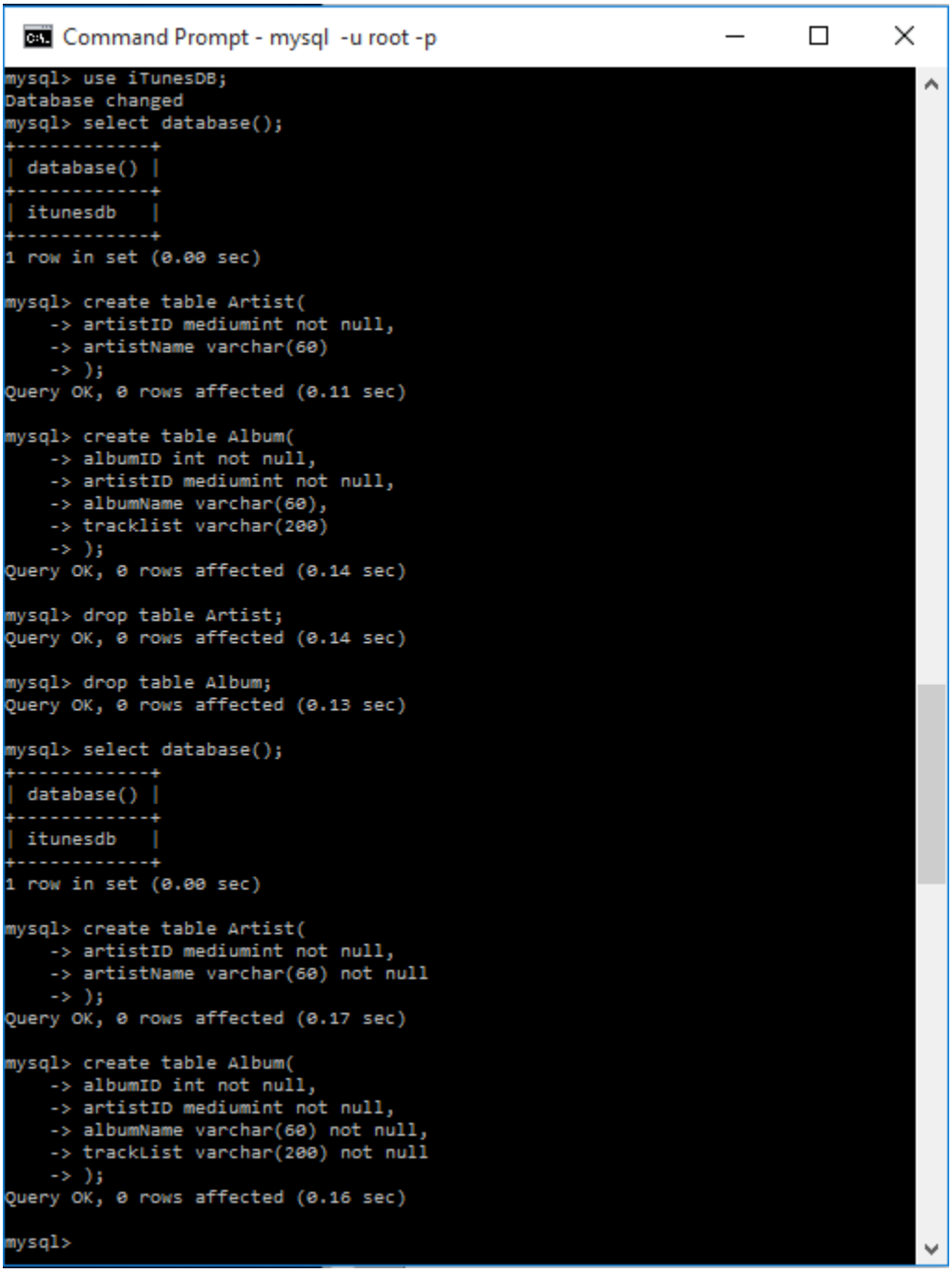
10.


Command Prompt - mysql -u root -p
+-------------+
| database()  |
+-------------+
| testing_ebs |
+-------------+
1 row in set (0.00 sec)
mysql> drop database Testing_EBS;
Query OK, 0 rows affected (0.02 sec)
mysql> select database();
+------------+
| database() |
+------------+
| NULL       |
+------------+
1 row in set (0.00 sec)
mysql> use mysql;
Database changed
mysql>

11.


Command Prompt - mysql -u root -p
+-------------+
| database()  |
+-------------+
| testing_ebs |
+-------------+
1 row in set (0.00 sec)
mysql> drop database Testing_EBS;
Query OK, 0 rows affected (0.02 sec)
mysql> select database();
+------------+
| database() |
+------------+
| NULL       |
+------------+
1 row in set (0.00 sec)
mysql> use mysql;
Database changed
mysql> create database iTunesDB;
Query OK, 1 row affected (0.00 sec)
mysql>

12.




The iTunesDB database has the following entities which will also be the relations (tables): Artist and Album.

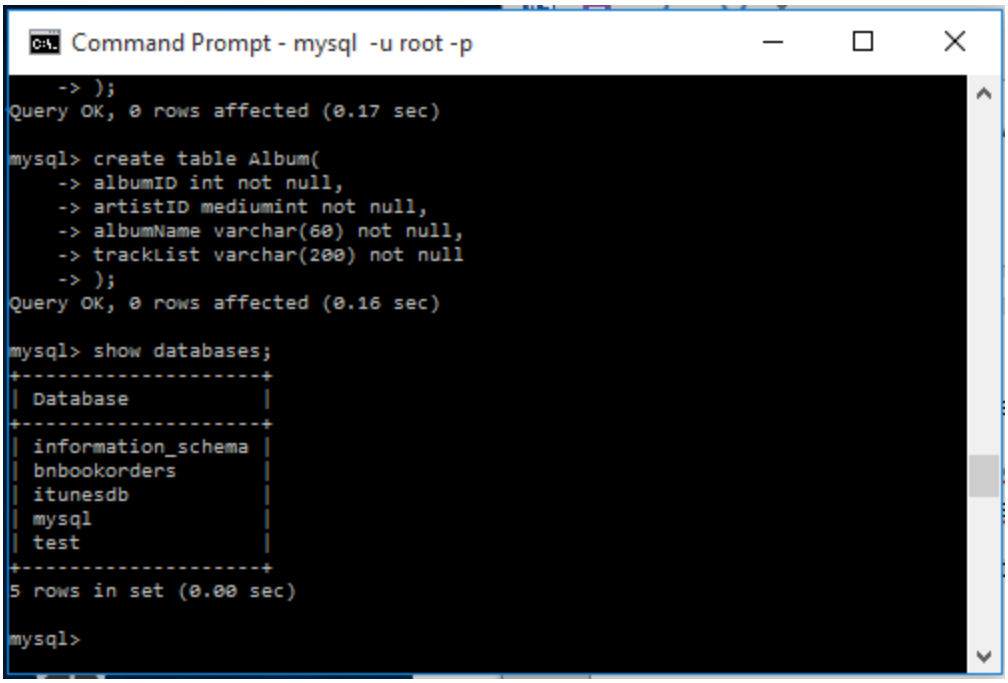
The Artist attributes include:

- artistID: mediumint
- artistName: varchar(60)

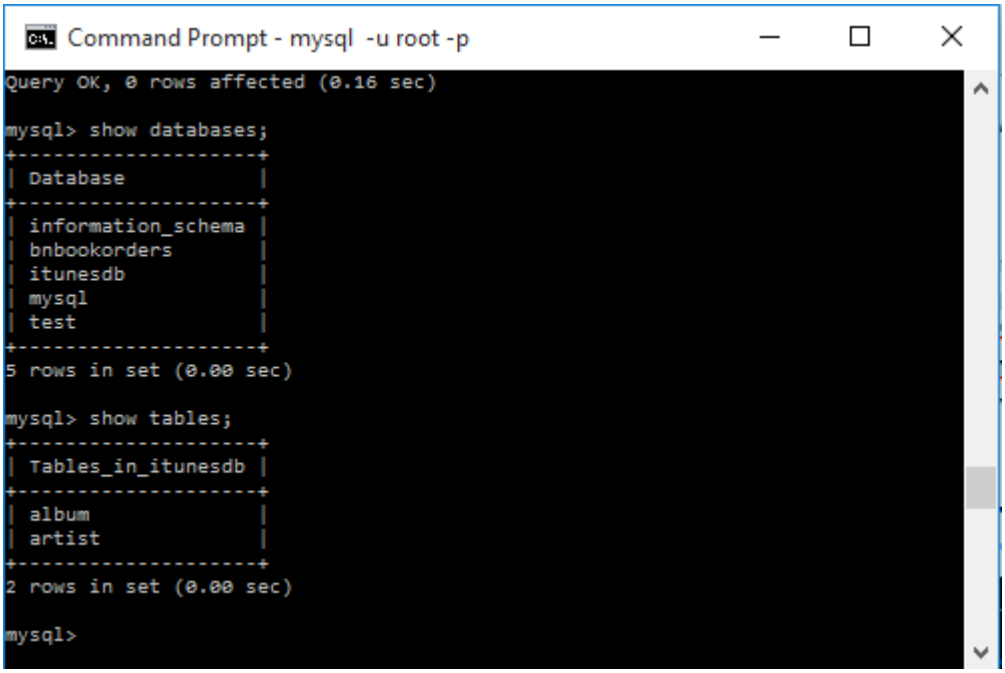
The Album attributes include:

- albumID: int
- artistID: mediumint
- albumName: varchar(60)
- trackList: varchar(200)

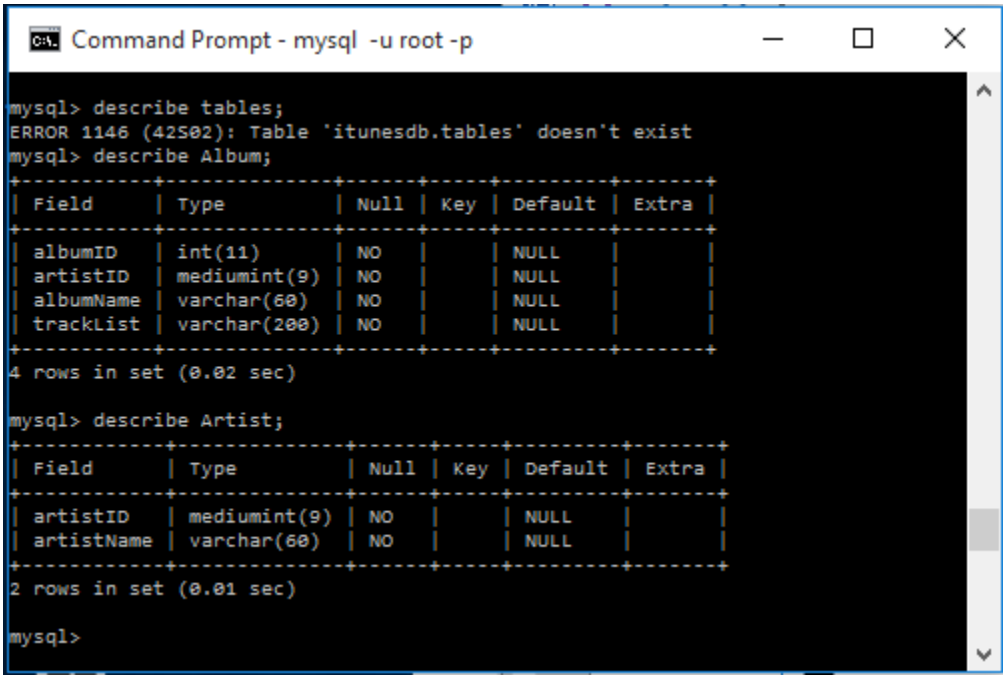
13.




14.



15.




16. N/A

17. I will create a database, called JobApps, to keep track of job applications to different positions and companies.

18. The JobApps database will have two entities which will be the relations (tables) for the database: Job, and Company.

The Company relation has the following attributes:

- CoID: smallint
- CoName: varchar(60)
- StreetName: varchar(30)
- City: varchar(30)
- State: char(2)
- Zip: smallint
- Phone: varchar(13)
- Email: varchar(30)
- Website: varchar(60)
- Description: varchar(200)

The Job relation has the following attributes:

- JobID: smallint
- Position: varchar(60)
- CoID: smallint
- ResumeFileName: varchar(30)

- ApplicationDate: date
- Description: varchar(200)

19. N/A

20. I have learned some of the mysql syntax and have a basic structure for a job application database, which I would like to maintain. The two things to the foundation of working with a particular database management system are understanding the theory and understanding the syntax. Since, we already learned some of the theory behind database management systems in the first assignment, this activity is a start toward developing our understanding of the other leg in the foundation of mysql databases. However, there is still more to learn; since, as a user of databases, I imagine most relations in a company are already established – I imagine usually only developers worry about creating and dropping tables. Though, just showing and navigating between tables will be important for every user. Nevertheless, it seems the most relevant experience will come when we learn query syntax, which I look forward to.