

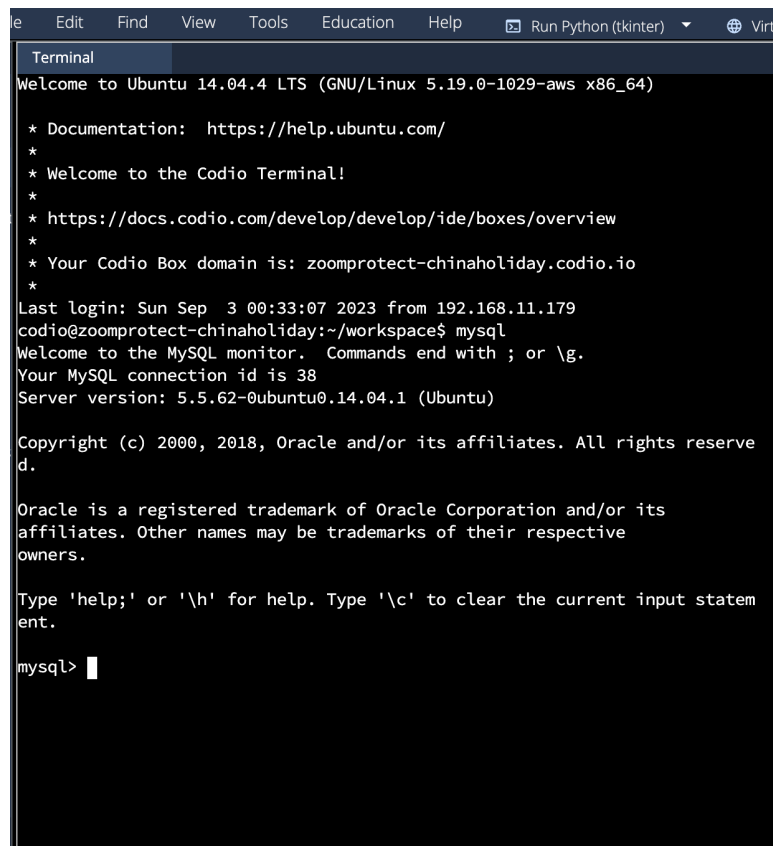
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Module One Lab

DAD-220

1. Begin working with Command line in MySQL by typing the following command: `mysql`  
Press Enter.



```
Terminal
Welcome to Ubuntu 14.04.4 LTS (GNU/Linux 5.19.0-1029-aws x86_64)

* Documentation:  https://help.ubuntu.com/
*
* Welcome to the Codio Terminal!
*
* https://docs.codio.com/develop/develop/ide/boxes/overview
*
* Your Codio Box domain is: zoomprotect-chinaholiday.codio.io
*
Last login: Sun Sep  3 00:33:07 2023 from 192.168.11.179
codio@zoomprotect-chinaholiday:~/workspace$ mysql
Welcome to the MySQL monitor.  Commands end with ; or \g.
Your MySQL connection id is 38
Server version: 5.5.62-0ubuntu0.14.04.1 (Ubuntu)

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Oracle is a registered trademark of Oracle Corporation and/or its
affiliates. Other names may be trademarks of their respective
owners.

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

mysql>
```

Description: mysql entered, ready for next step.

2. Create a new database and update the name to your last name, then connect to it. Type the following commands after the prompt `mysql>`:

```
create database last_name_here;
```

For example, if your database is going to be named Jetson, then substitute Jetson for "last\_name\_here."

Press Enter.

```
show databases;
```

Press Enter.

You should see a listing of all of the databases (or schemas) in MySQL, including the one you just created.

```
use last_name_here;
```

Press Enter.

Substitute the name of your database (for example, Jetson) for "last\_name\_here". This SQL statement connects your MySQL session to the database you've just created.

Capture a screenshot or clipping of the results of this action, and place it in a Word document for submission.

```
e Edit Find View Tools Education Help Run Python (tkinter) Virtu
Terminal
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codio@zoomprotect-chinaholiday:~/workspace$ mysql
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affiliates. Other names may be trademarks of their respective
owners.

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

mysql> create database candiaperez;
Query OK, 1 row affected (0.00 sec)

mysql> show databases;
+-----+
| Database |
+-----+
| information_schema |
| candiaperez |
| last_name_here |
| mysql |
| performance_schema |
+-----+
5 rows in set (0.00 sec)

mysql> use candiaperez;
Database changed
mysql> 
```

Description: Database created with my last name, and reflected in the list of databases. Then start using the last name database.

3. Create a table called tb2 and list out the tables in your database with one field by typing the following commands after the prompt mysql>:

```
create table tb2 (user_id VARCHAR( 50 ));
```

Press Enter.

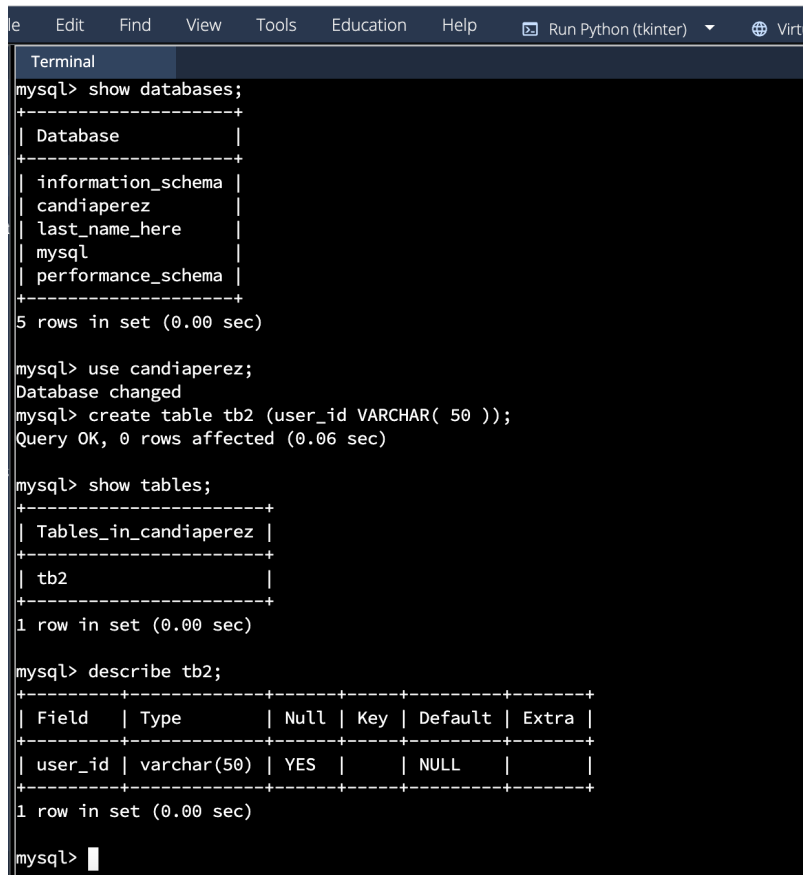
```
show tables;
```

Press Enter.

```
describe tb2;
```

Press Enter.

Capture a screenshot or clipping of the results of this action, and place it in a Word document for submission.



```
mysql> show databases;
+-----+
| Database |
+-----+
| information_schema |
| candiaperez |
| last_name_here |
| mysql |
| performance_schema |
+-----+
5 rows in set (0.00 sec)

mysql> use candiaperez;
Database changed
mysql> create table tb2 (user_id VARCHAR( 50 ));
Query OK, 0 rows affected (0.06 sec)

mysql> show tables;
+-----+
| Tables_in_candiaperez |
+-----+
| tb2 |
+-----+
1 row in set (0.00 sec)

mysql> describe tb2;
+-----+-----+-----+-----+-----+-----+
| Field | Type | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| user_id | varchar(50) | YES | | NULL | |
+-----+-----+-----+-----+-----+-----+
1 row in set (0.00 sec)

mysql>
```

Description: create a table called tb2 and show the tb2 table.

4. Add a second field into the table and describe it. Do this by entering the following commands

after mysql>:

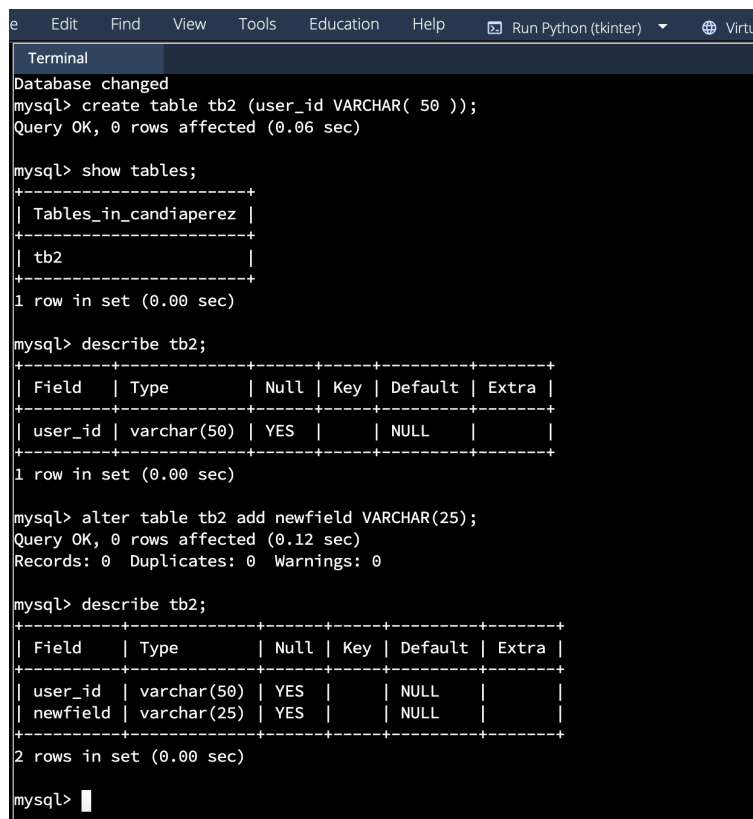
alter table tb2 add newfield VARCHAR(25);

Press Enter.

describe tb2;

Press Enter.

Capture a screenshot or clipping of the results of this action, and place it in a Word document for submission.



```
e Edit Find View Tools Education Help Run Python (tkinter) Virtu
Terminal
Database changed
mysql> create table tb2 (user_id VARCHAR( 50 ));
Query OK, 0 rows affected (0.06 sec)

mysql> show tables;
+-----+
| Tables_in_candiaperez |
+-----+
| tb2                    |
+-----+
1 row in set (0.00 sec)

mysql> describe tb2;
+-----+-----+-----+-----+-----+-----+
| Field | Type      | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| user_id | varchar(50) | YES  |     | NULL    |       |
+-----+-----+-----+-----+-----+-----+
1 row in set (0.00 sec)

mysql> alter table tb2 add newfield VARCHAR(25);
Query OK, 0 rows affected (0.12 sec)
Records: 0 Duplicates: 0 Warnings: 0

mysql> describe tb2;
+-----+-----+-----+-----+-----+-----+
| Field | Type      | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| user_id | varchar(50) | YES  |     | NULL    |       |
| newfield | varchar(25) | YES  |     | NULL    |       |
+-----+-----+-----+-----+-----+-----+
2 rows in set (0.00 sec)

mysql> 
```

Description: Second field added to table and table shown.