

# MySQL Command Line Client Exercises

0.

After start XAMPP

a. For WIN cmd: C:\xampp\mysql\bin\mysql.exe -u root

b. For LIN term: /Applications/XAMPP/bin/mysql -u root

1.

```
mysql>SHOW DATABASES;
```

2.

```
mysql>CREATE DATABASE pets;
```

3.

```
mysql>SHOW DATABASES;
```

4.

```
mysql>USE pets;
```

5.

```
mysql>CREATE TABLE cats
```

```
(  
  id          INT unsigned NOT NULL AUTO_INCREMENT, #  
  Unique ID for the record  
  name       VARCHAR(150) NOT NULL,                # Name  
  of the cat  
  owner      VARCHAR(150) NOT NULL,                # Owner  
  of the cat  
  birth      DATE NOT NULL,                          #  
  Birthday of the cat  
  PRIMARY KEY (id)                                   # Make  
  the id the primary key  
);
```

6.

```
mysql>SHOW TABLES;
```

7.

```
mysql>DESCRIBE cats;
```

8.

```
mysql>INSERT INTO cats ( name, owner, birth) VALUES  
  ( 'Sandy', 'Lennon', '2015-01-03' ),  
  ( 'Cookie', 'Casey', '2013-11-13' ),  
  ( 'Charlie', 'River', '2016-05-21' );
```

9.

```
mysql>SELECT * FROM cats;
```

10.

```
mysql>SELECT name FROM cats WHERE owner = 'Casey';
```

11.

```
mysql>DELETE FROM cats WHERE name='Cookie';
```

12.

```
mysql>SELECT * FROM cats;
```

13.

```
mysql>ALTER TABLE cats ADD gender CHAR(1) AFTER name;
```

14.

```
mysql>DESCRIBE cats;
```

15.

```
mysql>SHOW CREATE TABLE cats\G
```

16.

```
mysql>ALTER TABLE cats DROP gender;
```

17.

```
mysql>DESCRIBE cats;
```

18.

```
mysql>DROP TABLE cats;
```

19.

```
mysql>DROP DATABASE pets;
```

20.

```
mysql>SHOW DATABASES;
```

21.

```
mysql>SELECT VERSION(), CURRENT_DATE;
```

22.

```
mysql>SELECT SIN(PI()/4), (4+1)*5;
```

23.

```
mysql>SELECT VERSION(); SELECT NOW();
```

24.

```
mysql>SELECT  
->USER()  
->,
```

```
->CURRENT_DATE
```

```
->;
```

25.

```
mysql> QUIT
```