

How to use MySQL Command-Line Tool

1. Execute the “cmd” program in order to get the command interpreter in your machine. (You can type in “cmd” in the search window to find it.)
2. Find out where your MySQL is installed, and navigate to that folder in cmd using cd command. For example, my folder is: C:\Program Files\MySQL\MySQL Server 5.6\bin.
3. Create a script file named createscript.sql that contains the following contents. The script is also available on the class wiki. So, use that file. (You can save it wherever you want, but make sure you remember the path.)

```
create schema mytestdb;  
use mytestdb; /* Your DDL SQL statements should starts after this line */  
CREATE TABLE SINGER (SINGER_NAME VARCHAR(50) NOT NULL, SEX  
CHAR(1) NOT NULL, AGE INTEGER NOT NULL, PRIMARY KEY  
(SINGER_NAME) );  
/* Your DDL SQL statements end before this line */  
use information_schema;  
select * from tables where table_schema = 'mytestdb';  
select * from columns where table_schema = 'mytestdb';
```

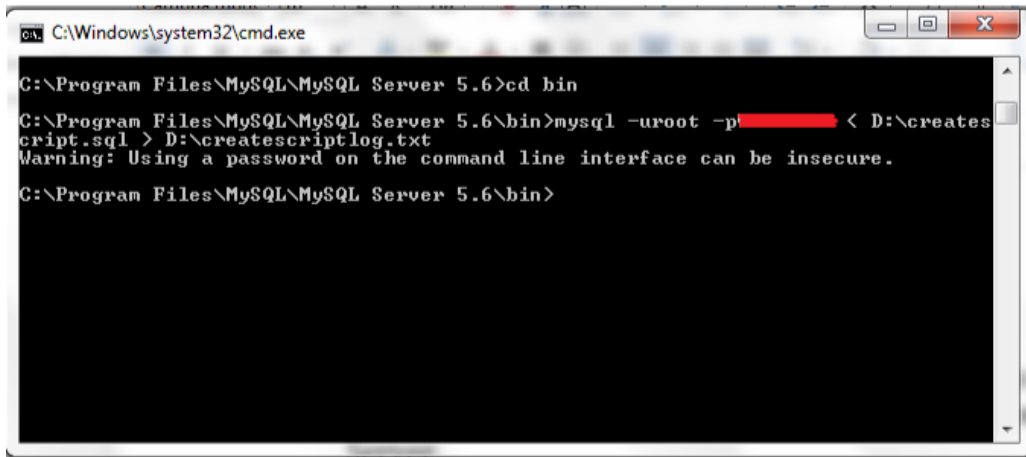
4. Run the following commands in cmd to run SQLs in the created script file according to the user name that you used when you installed MySQL Community Server.

```
mysql -uroot -p***** < path\createscript.sql > path\createscriptlog.txt
```

*** is your password, path is where you put your createscript.sql file.

For example,

```
mysql -uroot -p***** < D:\createscript.sql > D:\createscriptlog.txt
```



```
C:\Windows\system32\cmd.exe
C:\Program Files\MySQL\MySQL Server 5.6>cd bin
C:\Program Files\MySQL\MySQL Server 5.6\bin>mysql -uroot -p[REDACTED] < D:\createscript.sql > D:\createscriptlog.txt
Warning: Using a password on the command line interface can be insecure.
C:\Program Files\MySQL\MySQL Server 5.6\bin>
```

You'll see createscriptlog.txt is created in drive D. When you open it, you'll see your output from your script file. For example, mine is:

```
TABLE_CATALOG TABLE_SCHEMA TABLE_NAME TABLE_TYPE ROW_FORMAT TABLE_ROWS
AVG_ROW_LENGTH MAX_DATA_LENGTH INDEX_LENGTH DATA_FREE

ENGINE VERSION DATA_LENGTH AUTO_INCREMENT

CREATE_TIME UPDATE_TIME CHECK_TIME

CREATE_OPTIONS TABLE_COMMENT  def mytestdb singer BASE TABLE InnoDB 10

0 0 NULL 2014-05-08 19:47:35

TABLE_COLLATION CHECKSUM

Compact 0 0 16384 0 NULL NULL utf8_general_ci

NULL TABLE_CATALOG TABLE_SCHEMA TABLE_NAME COLUMN_NAME ORDINAL_POSITION

COLUMN_DEFAULT IS_NULLABLE DATA_TYPE CHARACTER_MAXIMUM_LENGTH
CHARACTER_OCTET_LENGTH NUMERIC_PRECISION NUMERIC_SCALE DATETIME_PRECISION
CHARACTER_SET_NAME COLLATION_NAME COLUMN_TYPE COLUMN_KEY EXTRA PRIVILEGES
COLUMN_COMMENT
```

Now, you are all set to run your script files using MySQL Command-Line Tool!! For more information, see MySQL manual page:

<http://dev.mysql.com/doc/refman/5.7/en/mysql.html>