

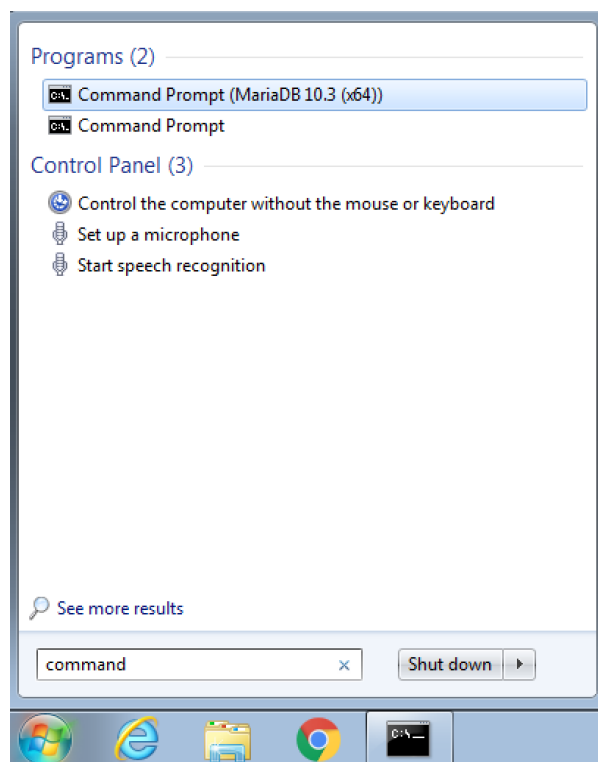
Introduction to Databases - Sample employees database

Before we start the lesson, please follow the steps below;

- Download the test_db folder onto your computer and kindly take note of the download location.
- Once the download is complete, most likely it would be in a zipped format.
- Go to the download location and unzip the file before we begin the process below.

Open command prompt (Mariadb....)

Click start button and type "command", to search the various options. Select "command prompt(mariadb)" as highlighted in the image below".

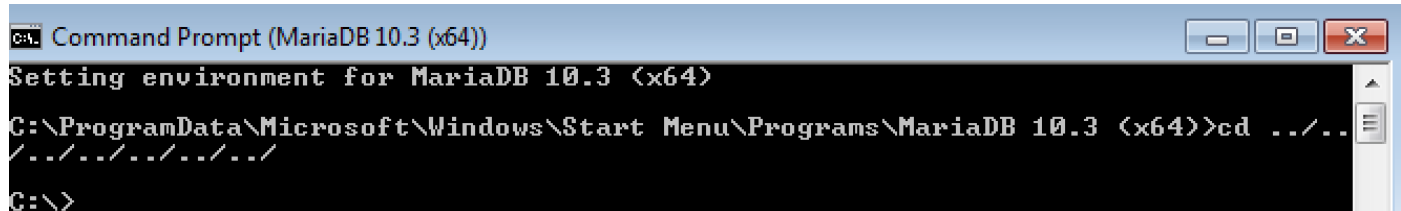


Now let's navigate to our Unzipped test_db folder so that we can import the database into our mysql server. The location to my downloaded test_db folder is under My Documents , but I guess you may have a different location from mine. Possibly your " Downloads " folder.



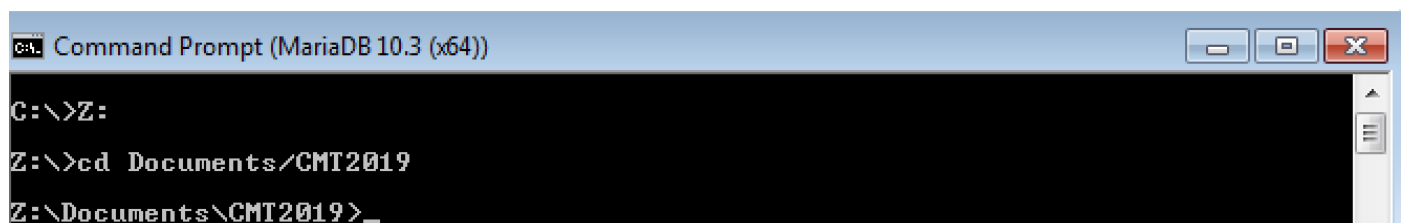
Once you get to the command prompt as the image above, we have to navigate to folder that contains that employee database we downloaded and unzipped earlier. Its always good practice to go back to the root directory in this case which is `C:\>`.

To navigate backwards to the root directory we have to use `cd` which stands for `change directory`. followed by two `full-stops` or `dots` .i.e `cd ../../../../`.



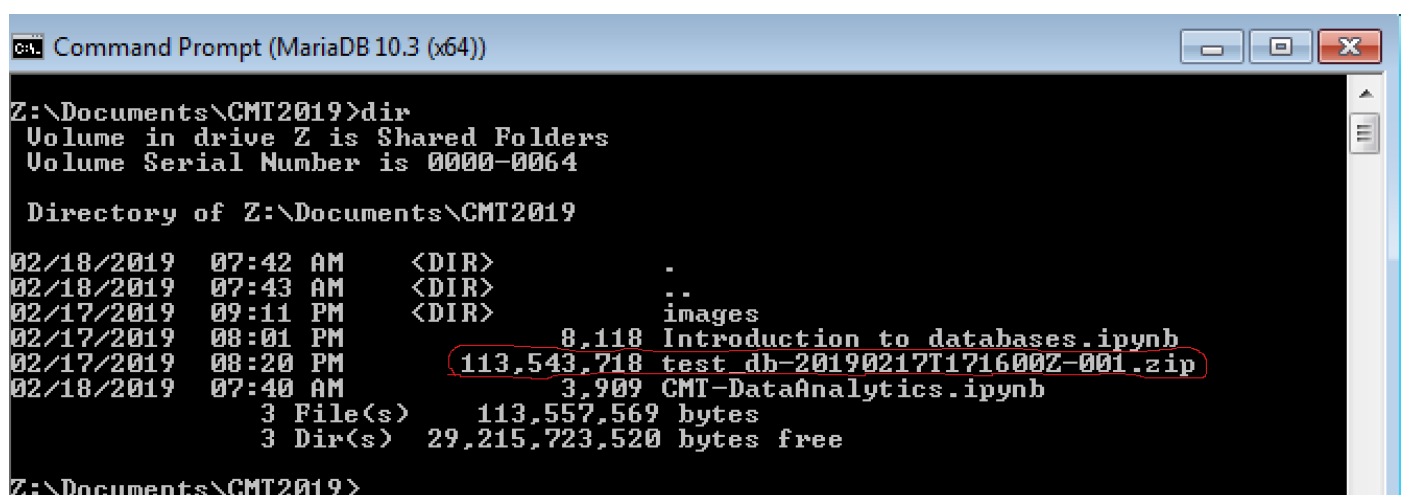
```
C:\> Command Prompt (MariaDB 10.3 (x64))
Setting environment for MariaDB 10.3 (x64)
C:\ProgramData\Microsoft\Windows\Start Menu\Programs\MariaDB 10.3 (x64)>cd ../../../../
C:\>
```

`DIR` or `dir` shows you the contents of the directory just to make sure you're in the right location. If not you can either navigate backwards like in the image shown above or you can either navigate forward by simply typing `cd folder_name`. "Folder_name" is simply the name of the directory you'd like to enter. You don't have to type the entire name of the folder_name, you can simply type the first few letters followed by the `TAB` button which will auto-complete the entire folder_name.



```
C:\>Z:
Z:\>cd Documents\CMT2019
Z:\Documents\CMT2019>_
```

The image above shows that I had to navigate to my `z:>` drive to access the "CMT2019" folder that contains my database. Then the image below, I used `dir` to see a list of files and folders inside CMT2019 directory. I have highlighted our zipped file below in red that contains our database.



```
C:\> Command Prompt (MariaDB 10.3 (x64))
Z:\Documents\CMT2019>dir
Volume in drive Z is Shared Folders
Volume Serial Number is 0000-0064

Directory of Z:\Documents\CMT2019

02/18/2019  07:42 AM    <DIR>          .
02/18/2019  07:43 AM    <DIR>          ..
02/17/2019  09:11 PM    <DIR>          images
02/17/2019  08:01 PM             8,118 Introduction to databases.ipynb
02/17/2019  08:20 PM      113,543,718 test_db-20190217T171600Z-001.zip
02/18/2019  07:40 AM             3,909 CMT-DataAnalytics.ipynb
               3 File(s)      113,557,569 bytes
               3 Dir(s)      29,215,723,520 bytes free

Z:\Documents\CMT2019>
```

(Optional) Extract contents of a zipped file via CMD

Will only work if you have unzip software application installed on your computer. If you don't have it, don't panic, you can unzip the contents using your Windows application. Simply right click on the file, and select `Extract here`.

```
C:\ Command Prompt (MariaDB 10.3 (x64))

Z:\Documents\CMT2019>unzip test_db-20190217T171600Z-001.zip_
```

Navigate to your unzipped directory, for my case its called "test_db". But first, let's create the database called employees as shown below.

```
C:\ Command Prompt (MariaDB 10.3 (x64))

Z:\Documents\CMT2019\test_db>mysql -u root -p
Enter password: *****
Welcome to the MariaDB monitor.  Commands end with ; or \g.
Your MariaDB connection id is 13
Server version: 10.3.12-MariaDB mariadb.org binary distribution

Copyright (c) 2000, 2018, Oracle, MariaDB Corporation Ab and others.

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

MariaDB [(none)]> create database employees;
Query OK, 1 row affected (0.017 sec)

MariaDB [(none)]> exit
Bye
Z:\Documents\CMT2019\test_db>
```

Once you exit, you can now type the following command to import the employee schema and tables into the employee databases we just created.

```
C:\ Command Prompt (MariaDB 10.3 (x64)) - mysql -u root -p employees

Z:\Documents\CMT2019\test_db>mysql -u root -p employees < employees.sql
Enter password: *****
```

In []: