

Lab 5 – part 1 Creating Connection, Schema, Database

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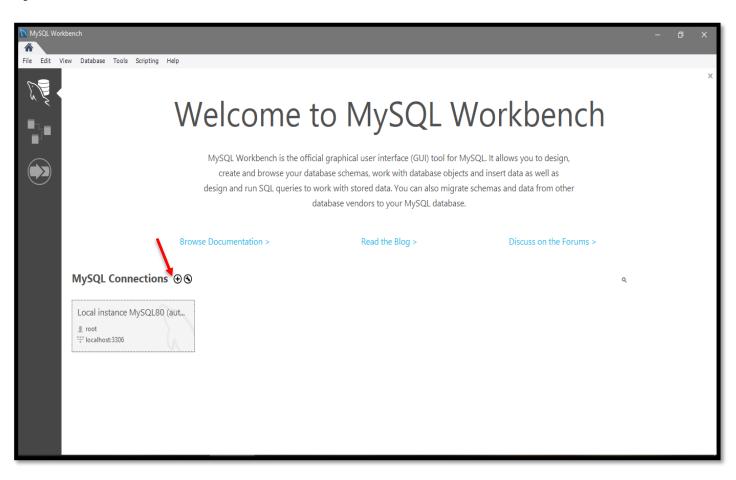
Objectives

After completing this lab, you should be able to do the following:

- Create a New connection in MySQL
- Create a Database / Schema in MYSQL
- Display all databases stored in MYSQL Server
- Use a specific database & show its tables.
- Delete a database
- Exercises

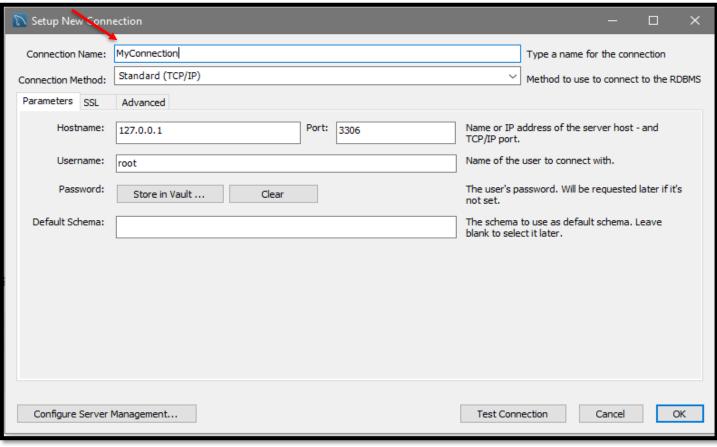


To create New Connection, press on the plus icon besides MySQL Connections word.



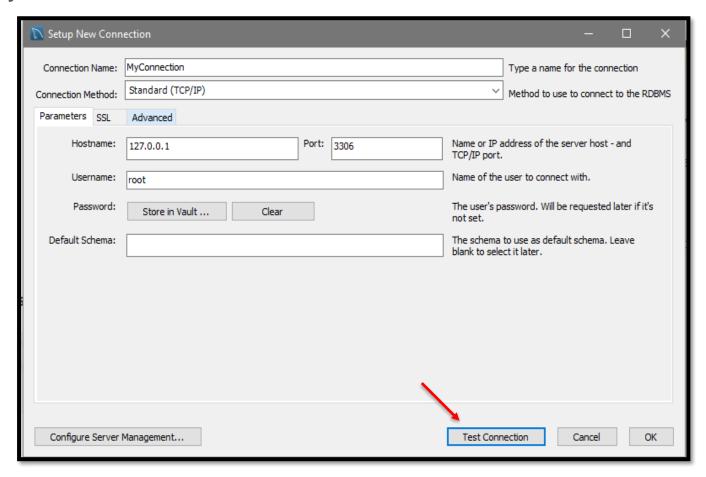


Name the new connection with the name you want, here I named it 'MyConnection'.





Press on Test Connection icon to test your connection with MySQL server.



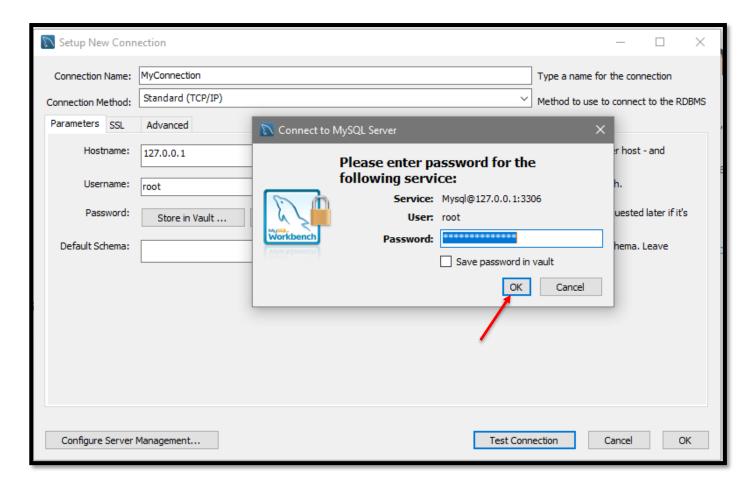


A pop up window will appear to you asking to enter your MYSQL password. Enter the Password that you used when installing the program.

Setup New Conn	nection		- 🗆 ×
Connection Name:	MyConnection Standard (TCP/IP)		a name for the connection od to use to connect to the RDBMS
Parameters SSL Hostname: Username: Password: Default Schema:	Advanced 127.0.0.1 root Store in Vault	Please enter password for the following service: Service: Mysql@127.0.0.1:3306 User: root Password: Save password in vault OK C	h. uested later if it's hema. Leave
Configure Server Management Test Connection Cancel OK			

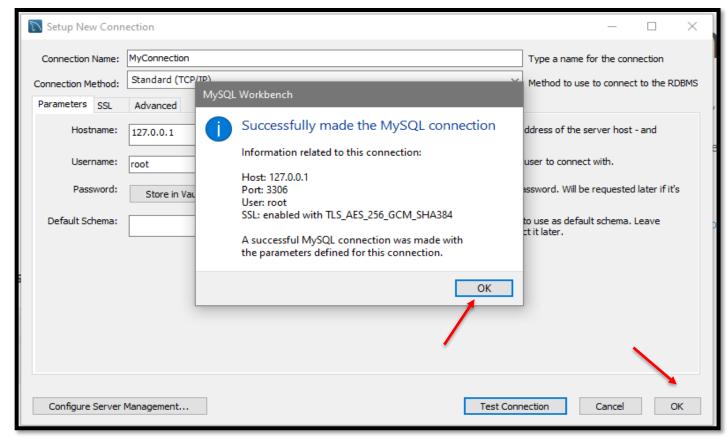


Then click ok.



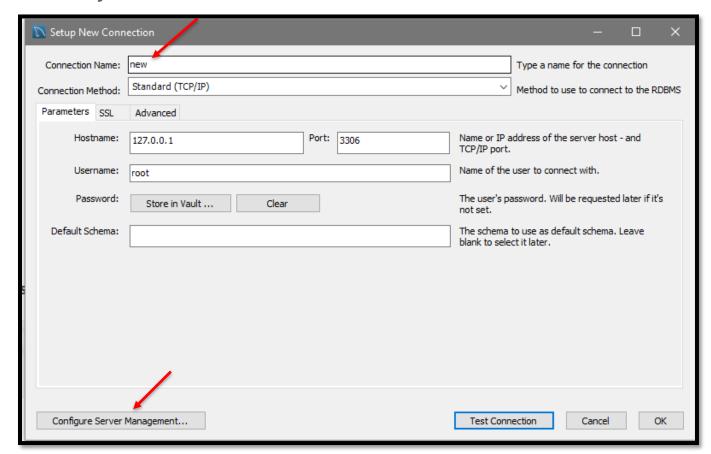


You will see another pop window that indicates successfully connection with MySQL if the password entered meet MySQL Password in your device.



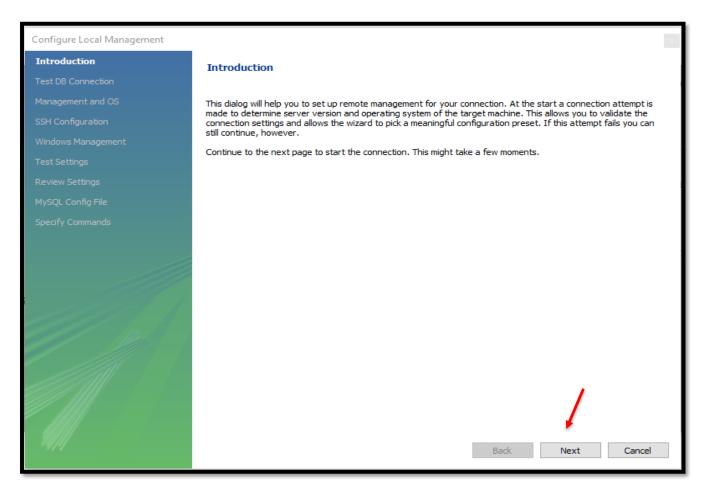


Another way to test connection is to press on configure Server Management button after naming the connection by the name you want, here I named it as 'new'.



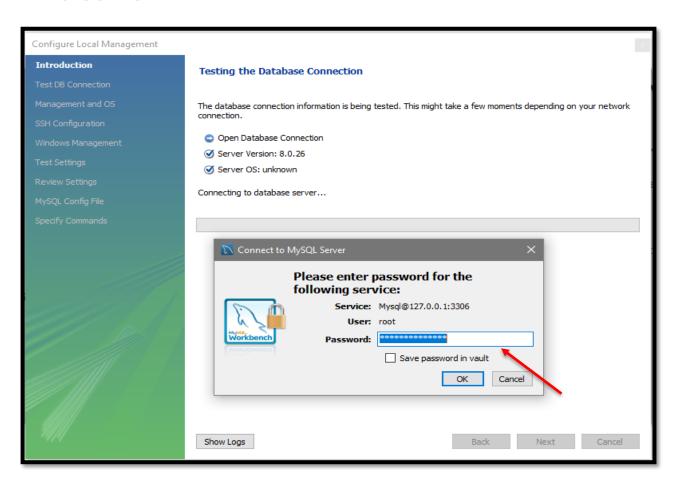


The configuration local Management Window will appear, just click on Next.



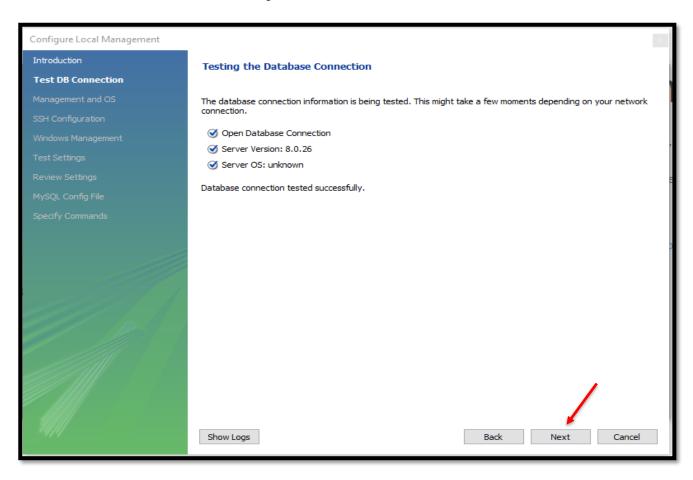


Enter your MySQL root password to test your connection with the server.



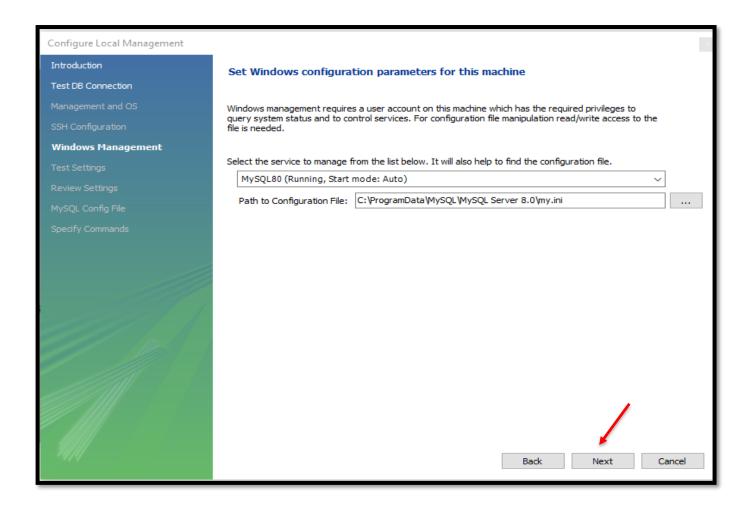


If your password match MySQL server one, the connection will establish successfully, click Next.



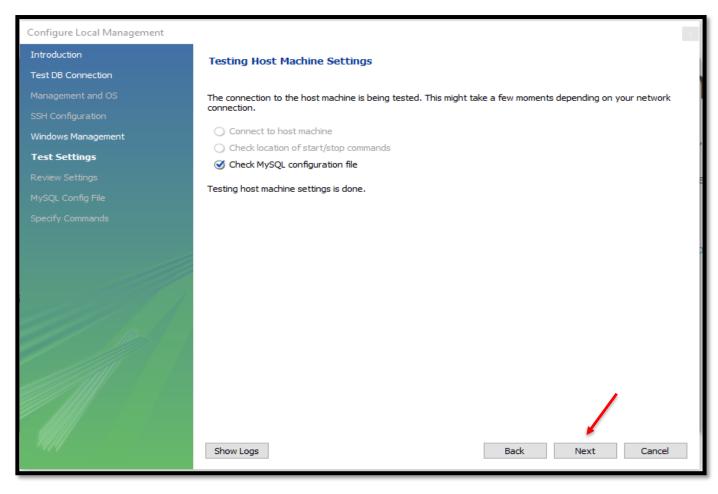


Click Next.



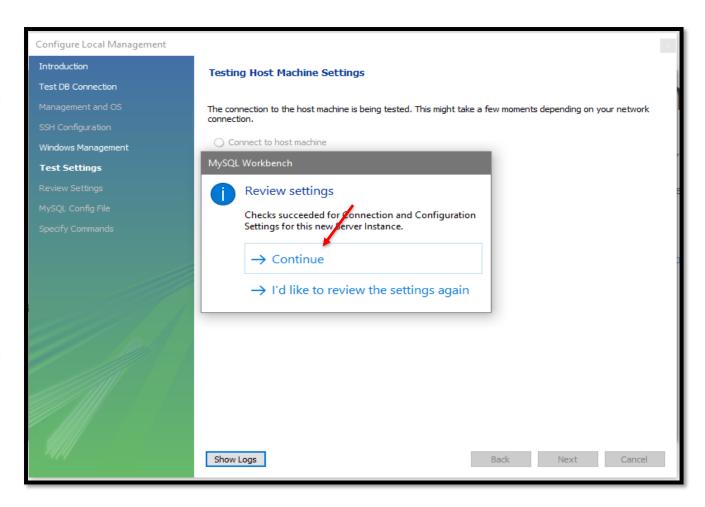


Click Next.



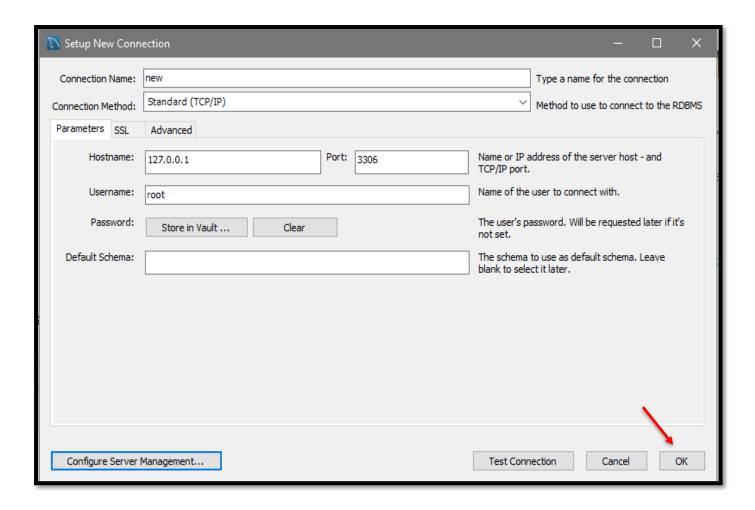


Click on Continue.





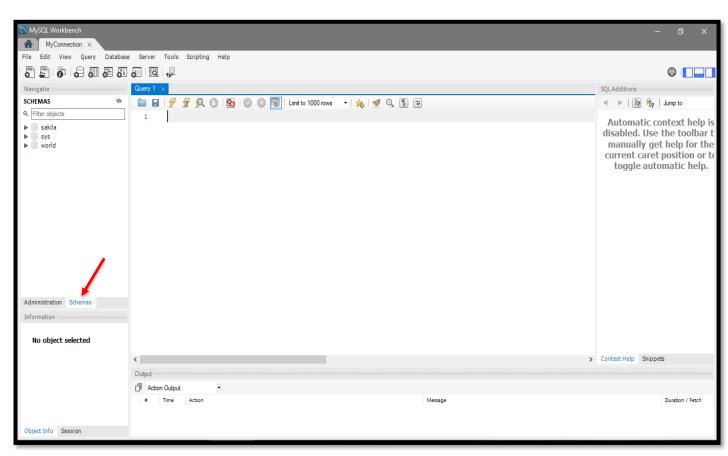
Then Press on OK.





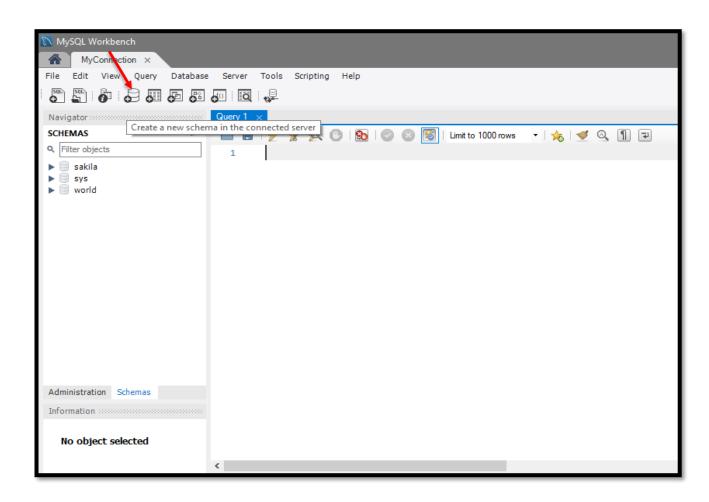
MySQL Workspace

MySQL workspace will be look like this shape, press on schemas tab that shows samples schemas installed.



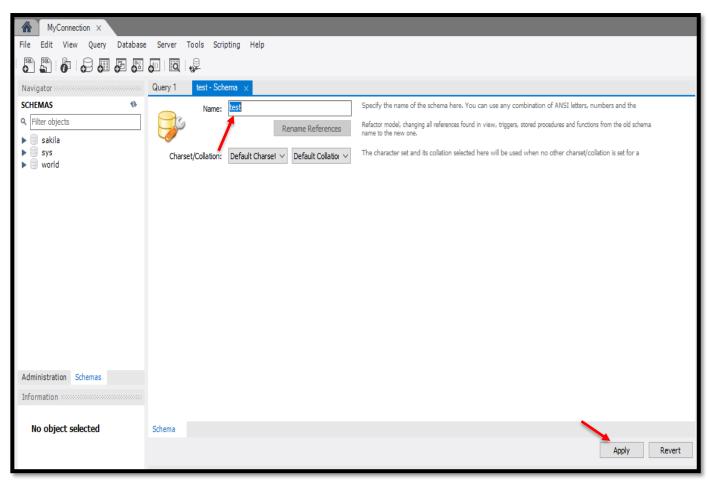


To create New Schema for Database, just click on schema icon in toolbar.



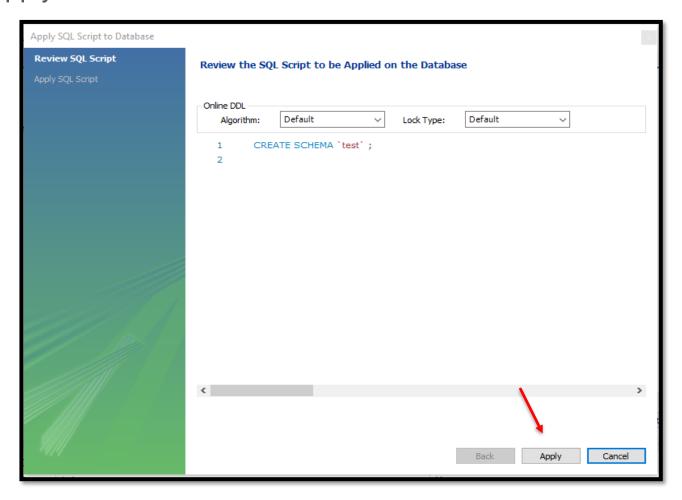


Name the schema by the name you want then click on Apply button below.



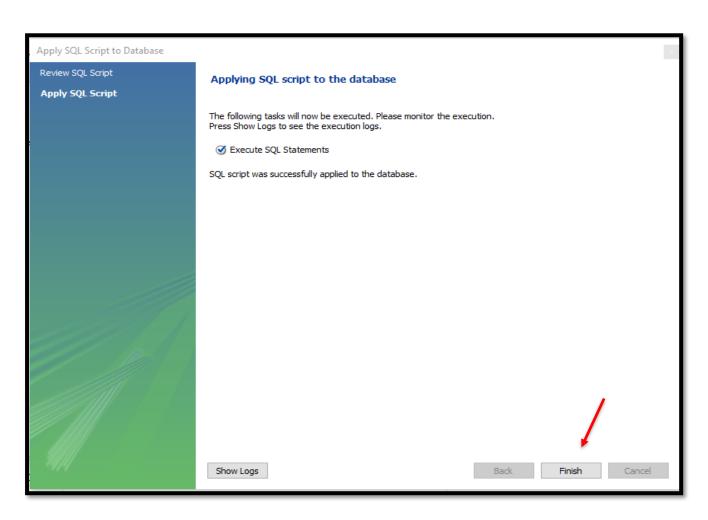


Apply window will displayed to show schema creation, click Apply.



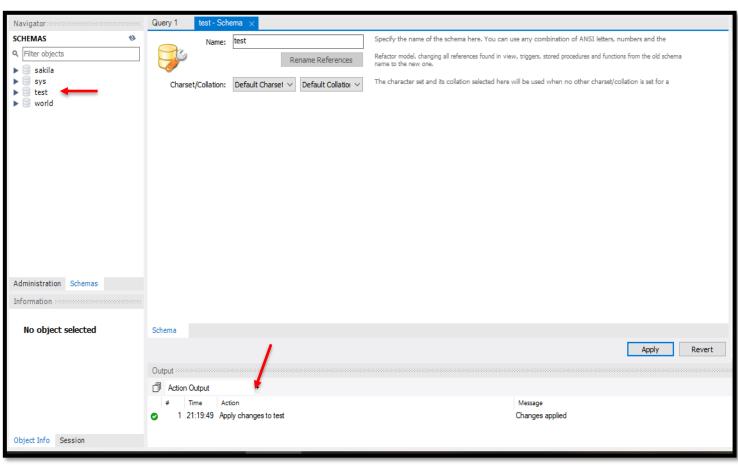


After Schema Successfully created, click Finish.



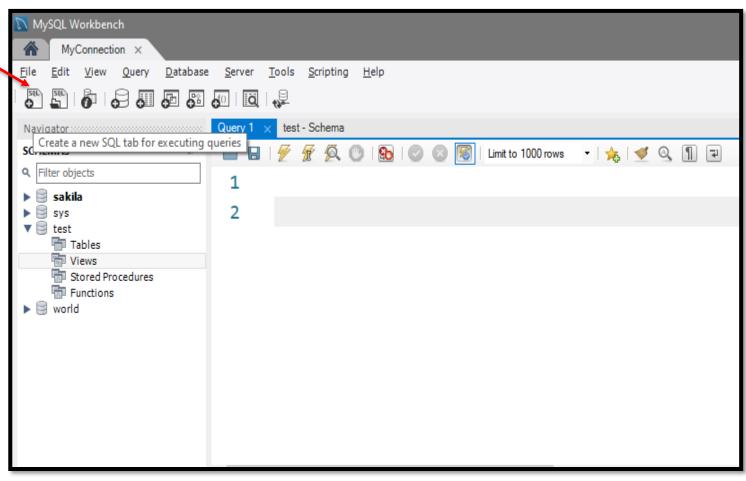


The Action Output below shows that changes was applied to the created schema, and the new schema will be seen in schemas list.



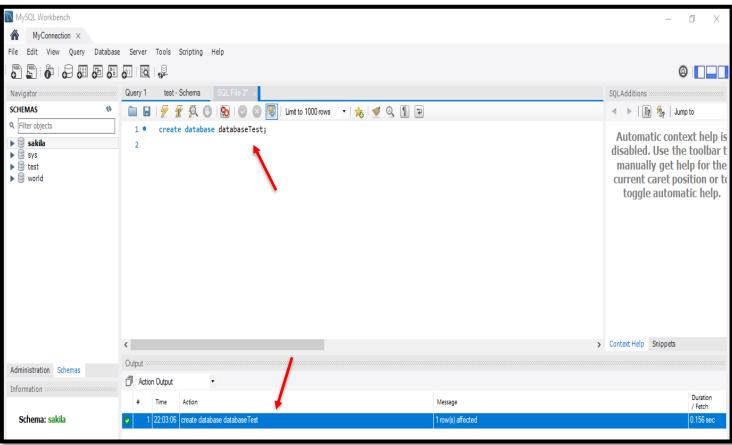


Open a new SQL file by clicking in its icon.



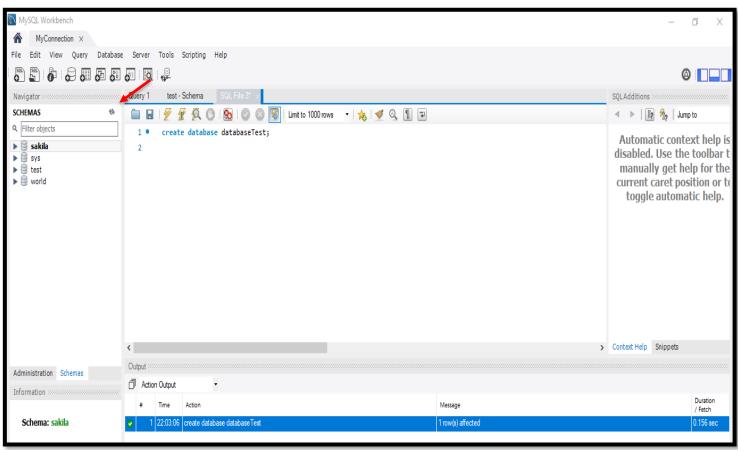


Type Database creation command with name of the new database you want to create.



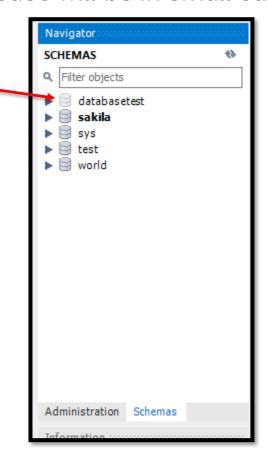


Refresh your schemas by clicking on refreshing icon.





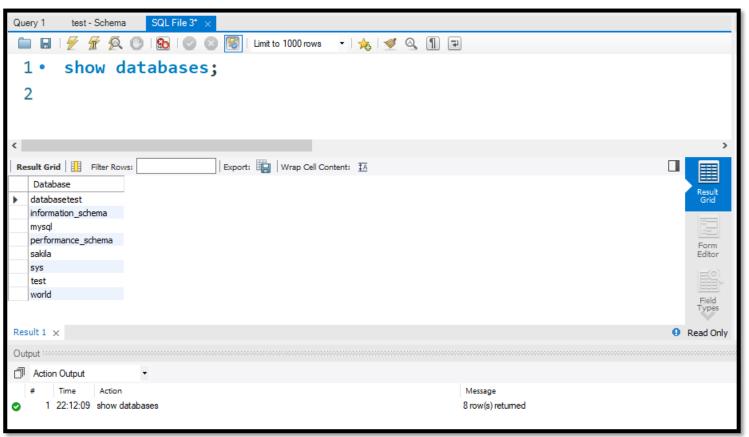
 Your schemas will be like this and the new schema/ database will appear, you have to notice that the name of the database will be in small case.





Display All Databases

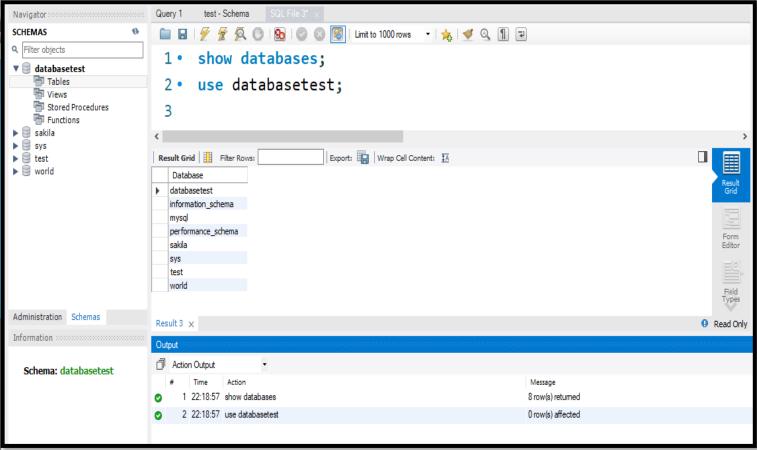
To see all databases stored in your server, just type:
 Show databases command.





Use a specific database

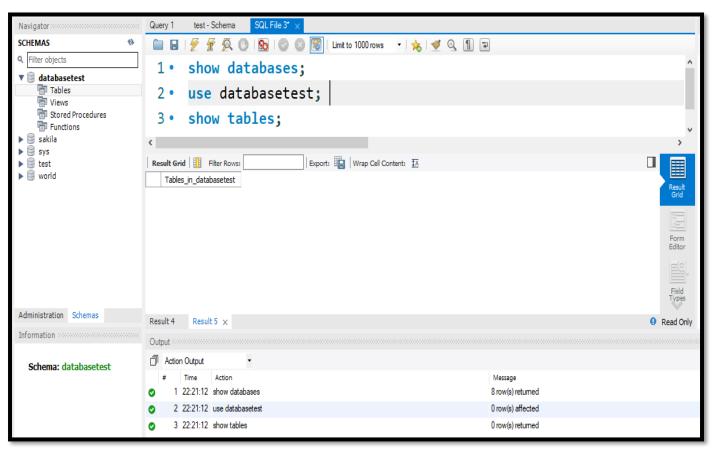
 To see a specific database just type its name after use command: use [Name of the Database]





Show Tables for a specific database – s1

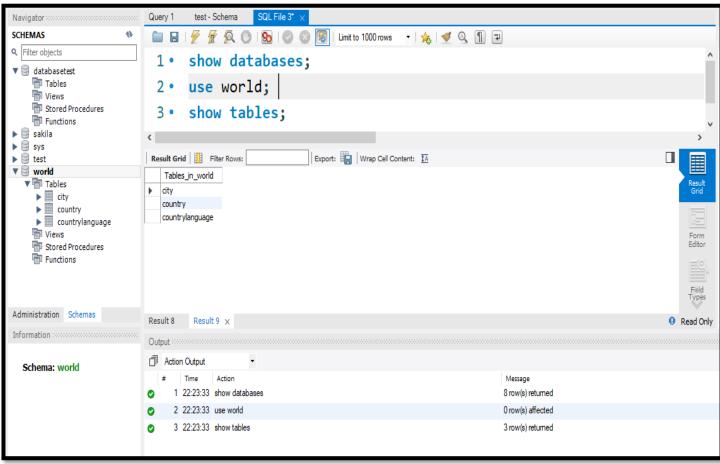
To show tables in the chosen database just type:
 show tables.





Show Tables for a specific database – \$2

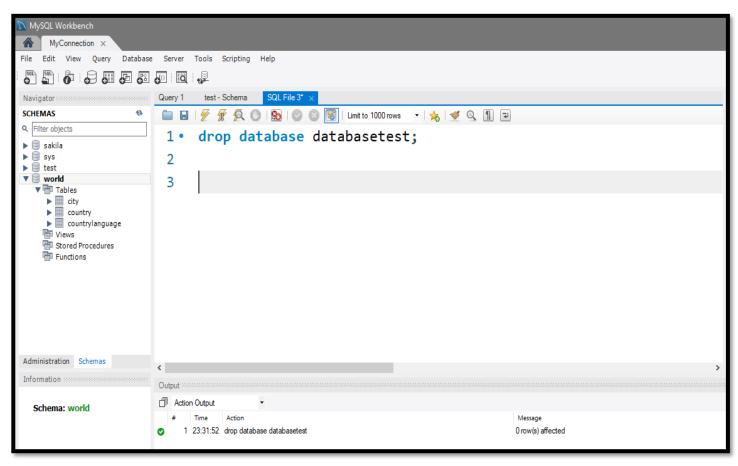
To show tables in world database for example





Delete a Database

 To drop a specific database you should type: drop database [Name of the database]





Exercises

- Start a new connection with a name "SchoolConnection".
- Create a new Database and name it "School"
- Show all databases in your new connection
- Use your "school" database & show tables
- Show tables in sakila schema if you have the samples
- Drop school database.