

## Instructions

### 1. Required Installations

#### a. MYSQL & MYSQL WORKBENCH

- i. <https://dev.mysql.com/downloads/installer/>

1. Select option for both mysql 8 and mysql workbench and install

#### b. JAVA JDK 23

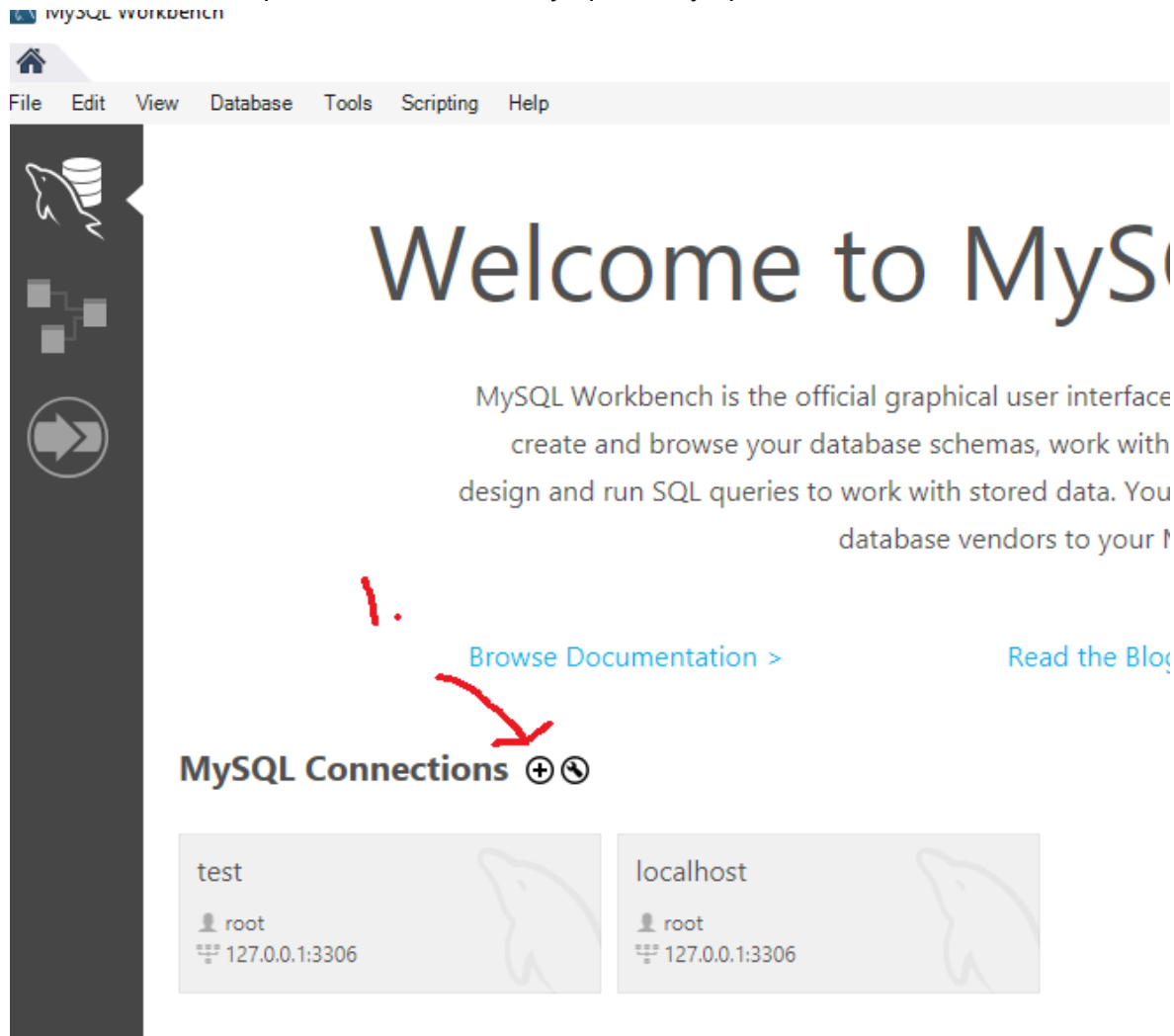
- i. <https://www.oracle.com/java/technologies/downloads/>
- ii. Install system environment variable if needed

#### c. Unzip folder and place it in a location to use. (DESKTOP or anywhere else)

- i. Optional. Git clone <https://github.com/namv187/hotelreserv-380.git>

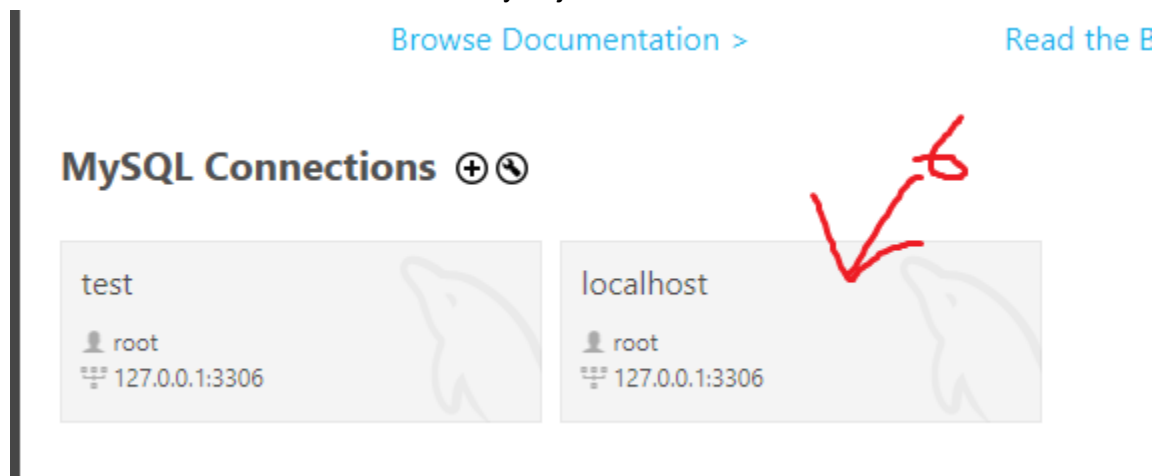
### 2. Setting up the Database.

#### a. Set up a connection after mysql and mysql work bench is installed

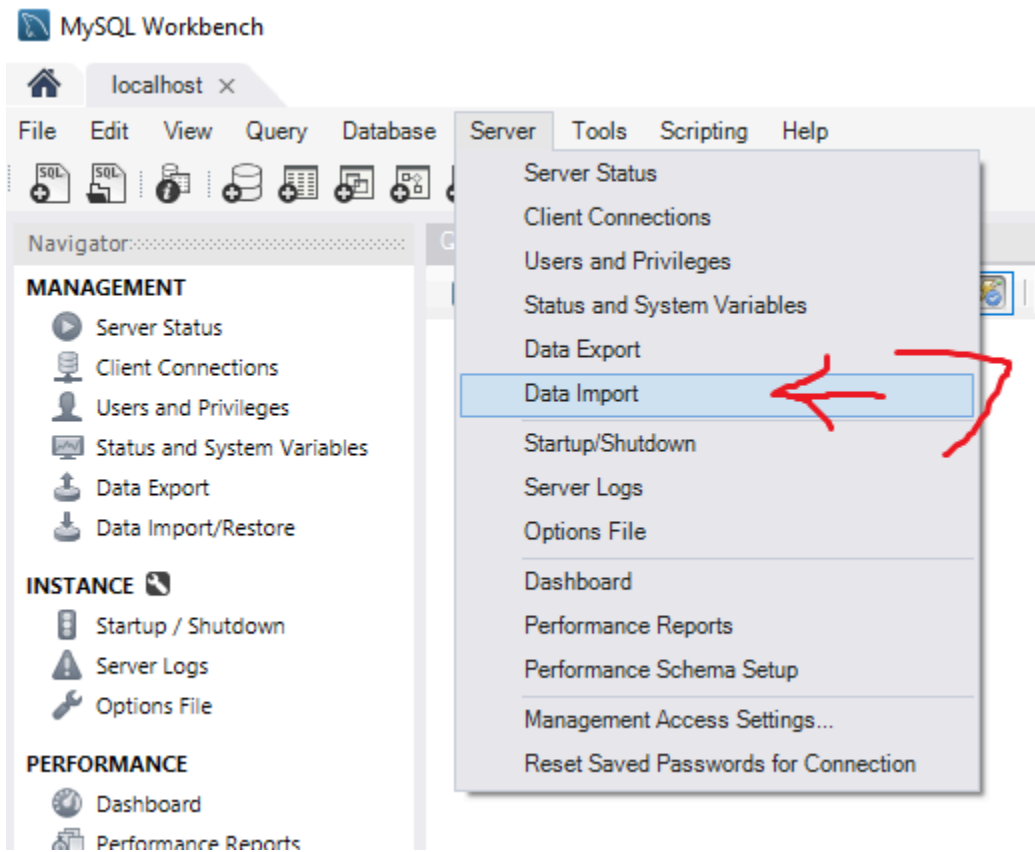


- b. Use any name for connection name.
- c. Click store in vault to save password in the mysql environment.
- d. Create an easy to remember password for ROOT user. (i used password as the password).
- e. Select "OK". Create server.

- f. Double click the server you just created.



g. Select import data



- h. Select import field
- i. Select test\_db.sql file which is in the ZIP file
- j. Create a new database. Name it "test\_db". Select Ok.
- k. Select the newly created "test\_db"
- l. Click Start Import

localhost  
**Data Import**

Import from Disk | Import Progress

**Import Options**

☐ Import from Dump Project Folder C:\Users\Nam\Documents\dumps ...

Select the Dump Project Folder to import. You can do a selective restore.

☒ Import from Self-Contained File C:\Users\Nam\Desktop\test\_db.sql ...

Select the SQL/dump file to import. Please note that the whole file will be imported.

**Default Schema to be Imported To**

Default Target Schema:   The default schema to import the dump into.  
NOTE: this is only used if the dump file doesn't contain its schema, otherwise it is ignored.

**Select** **Create Schema**

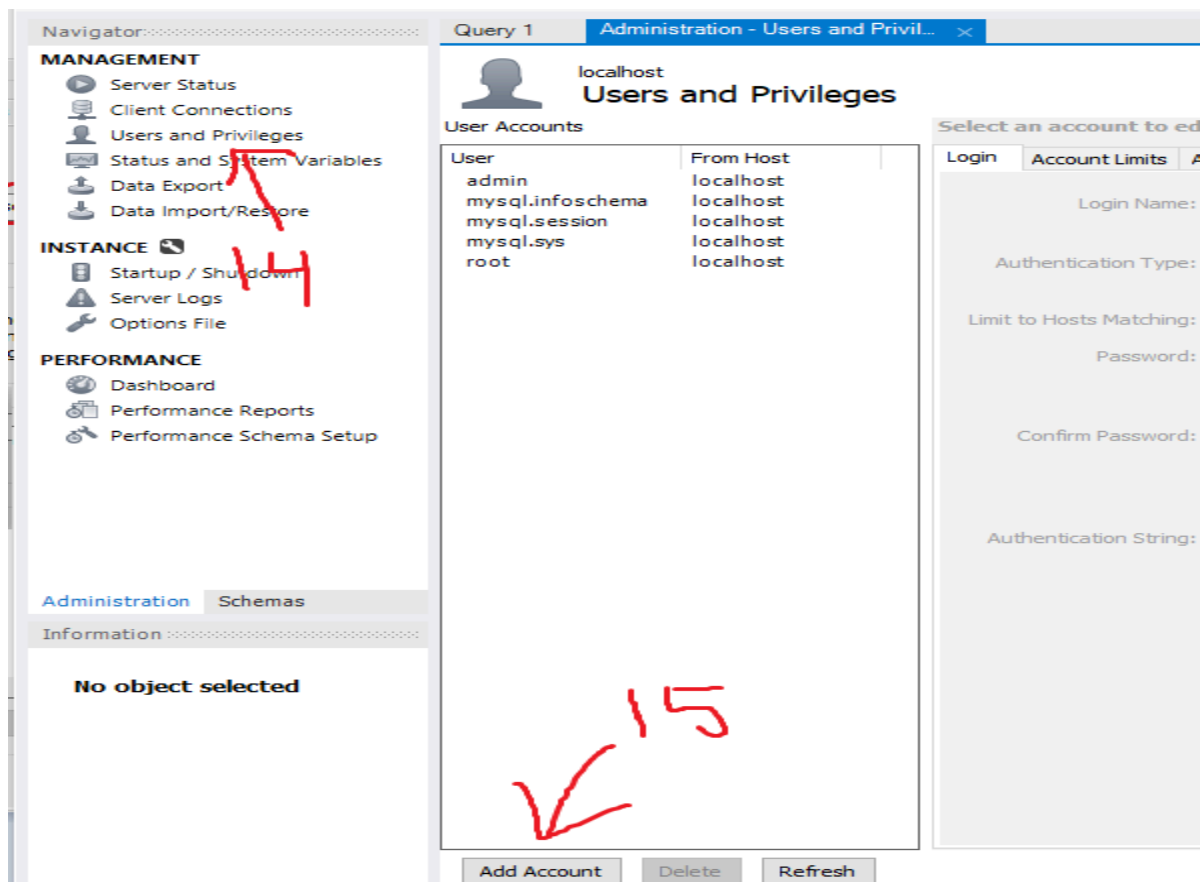
Name of schema to create: test\_db

**Objects**

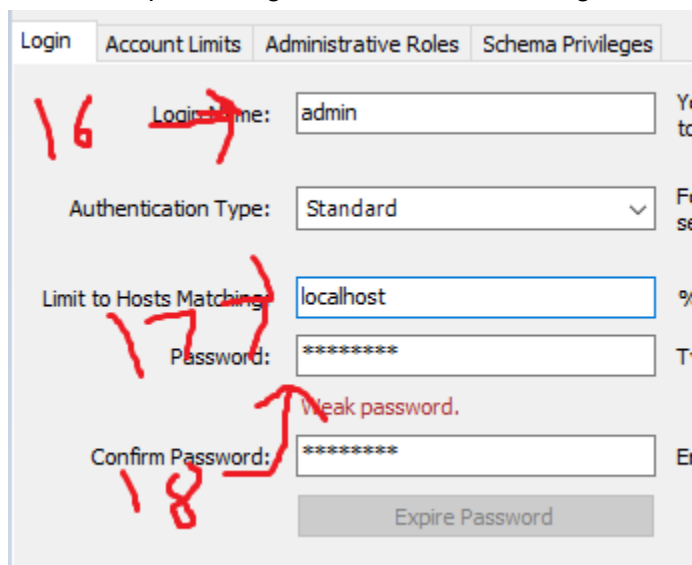
Press [Start Import] to start...

*Handwritten red annotations: 8, 9, 10, 11, 13*

- m. Select user and privileges
- n. Select add user



- o. Create user with "admin" and "password"
- p. Change Limit to host matching to "localhost"



- q. Select administrative roles
- r. Select all options
- s. Select apply. Create the user.

localhost  
**Users and Privileges**

User Accounts      **Details for account admin@localhost**

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User	From Host	Login	Account Limits	Administrative Roles	Schema Privileges
admin	localhost				
mysql.infoschema	localhost				
mysql.session	localhost				
mysql.sys	localhost				
root	localhost				

☒ Role  
☒ DBA  
☒ MaintenanceAdmin  
☒ ProcessAdmin  
☒ UserAdmin  
☒ SecurityAdmin  
☒ MonitorAdmin  
☒ DBManager  
☒ DBDesigner  
☒ ReplicationAdmin  
☒ BackupAdmin  
☒ Custom

Description  
grants  
grants  
rights r  
grants  
rights t  
minimu  
grants  
rights t  
rights r  
minima  
custom

Global Privileges  
☒ ALTER  
☒ ALTER ROUTINE  
☒ CREATE  
☒ CREATE ROUTINE  
☒ CREATE TABLESPACE  
☒ CREATE TEMPORARY TABLES  
☒ CREATE USER  
☒ CREATE VIEW  
☒ DELETE  
☒ DROP  
☒ EVENT  
☒ EXECUTE  
☒ FILE  
☒ GRANT OPTION  
☒ INDEX  
☒ INSERT  
☒ LOCK TABLES  
☒ PROCESS  
☒ REFERENCES  
☒ RELOAD  
☒ REPLICATION CLIENT  
☒ REPLICATION SLAVE  
☒ SELECT  
☒ SHOW DATABASES  
☒ SHOW VIEW  
☒ SHUTDOWN  
☒ SUPER  
☒ TRIGGER  
☒ UPDATE

Revoke All Privileges

Add Account    Delete    Refresh    Revert    Apply

3. Running the program.

Commands varies but for window users, these next to lines will allow the program to run

- a. Open cmd prompt. (cmd.exe preferably) and Navigate to folder location

```
Cd /path/to/file/location/hotelreserv-380
```

- b. Compile program

- c. Run program

```
javac --module-path ./lib/javafx-sdk-23.0.1/lib --add-modules javafx.controls,javafx.fxml  
-classpath .;window-mysql-connector\mysql-connector-java-9.1.0.jar main\*.java
```

```
java --module-path ./lib/javafx-sdk-23.0.1/lib --add-modules javafx.controls,javafx.fxml  
-classpath .;window-mysql-connector\* main.Main
```