

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

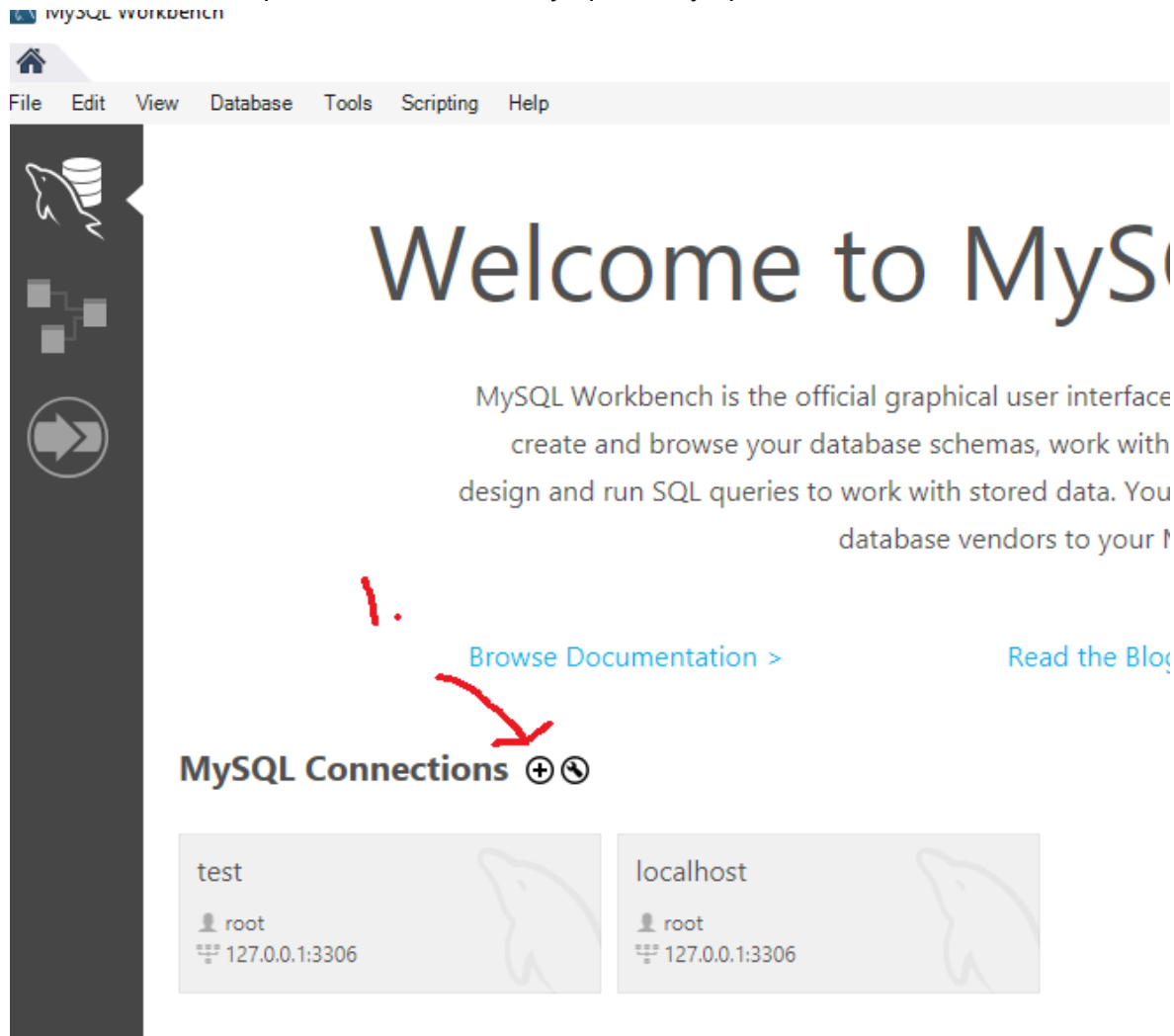
- i. <https://www.oracle.com/java/technologies/downloads/>
- ii. Install system environment variable if needed

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.

Setup New Connection

Connection Name: Can be named anything 2

Connection Method: Standard (TCP/IP)

Parameters SSL Advanced

Hostname: 127.0.0.1 Port: 3306

Username: root

Password: Store in Vault ... Clear

Default Schema: 3

Store Password For Connection

Please enter password for the following service:

Service: Mysql@127.0.0.1:3306

User: root

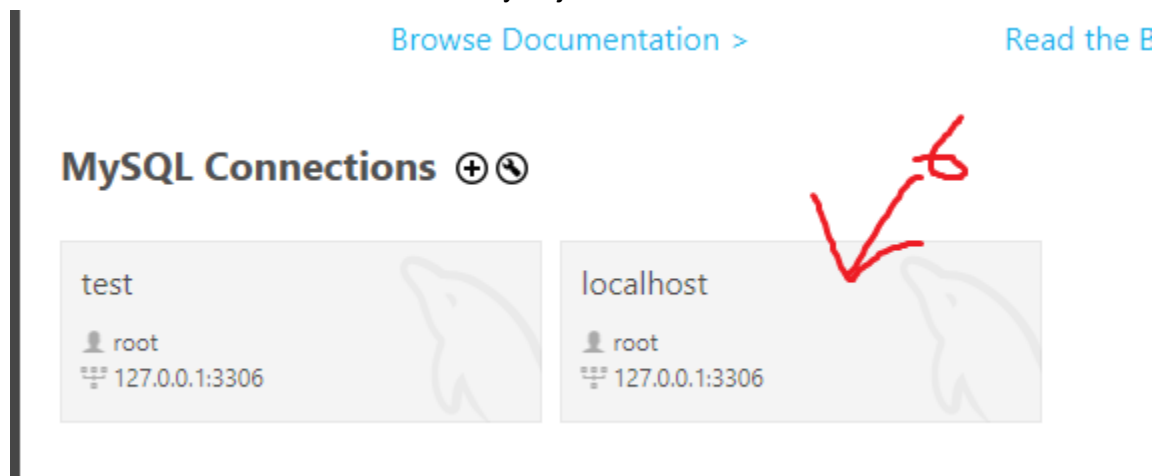
Password: 4

OK Cancel

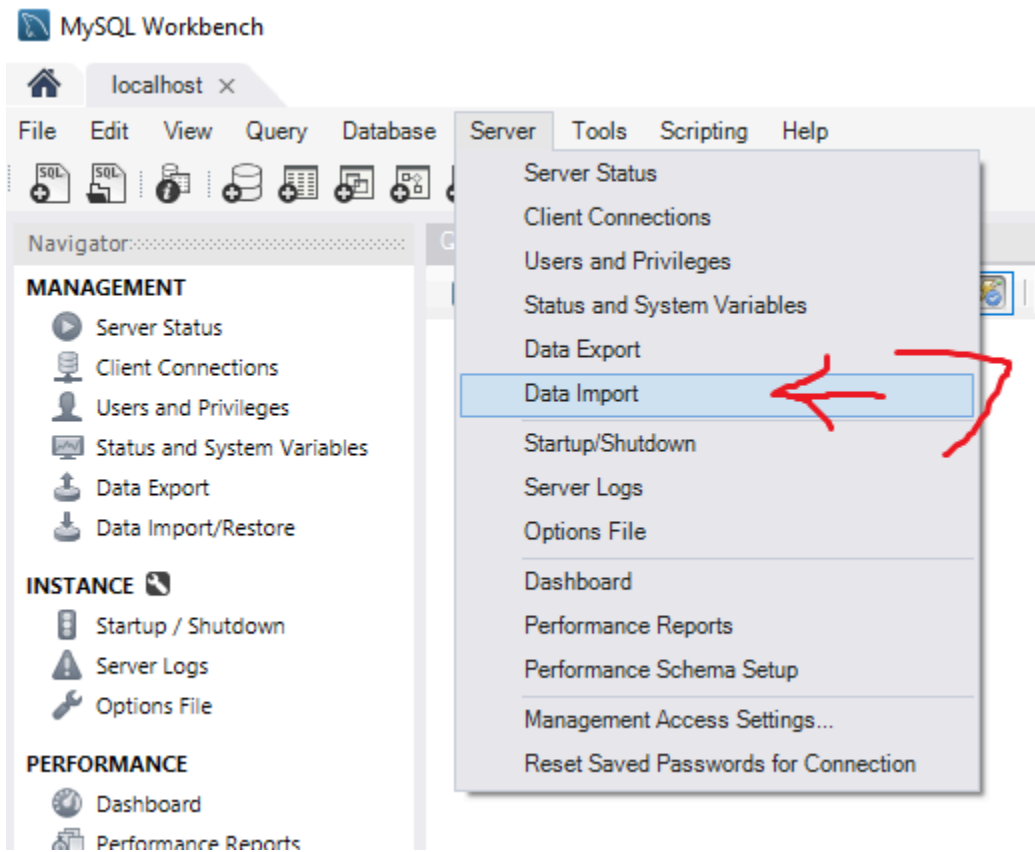
Test Connection Cancel OK

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- 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 X

Imp. Name of schema to create: test_db

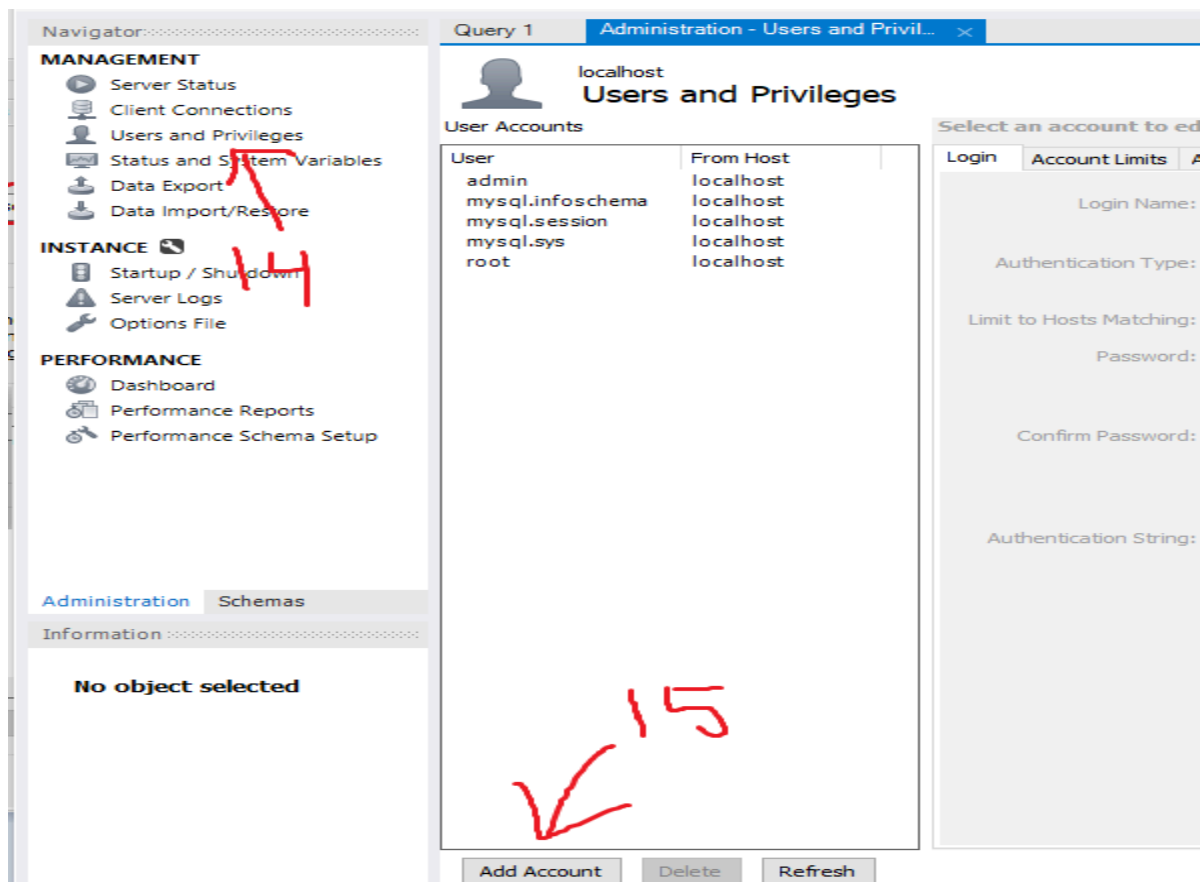
Objects

< > < >

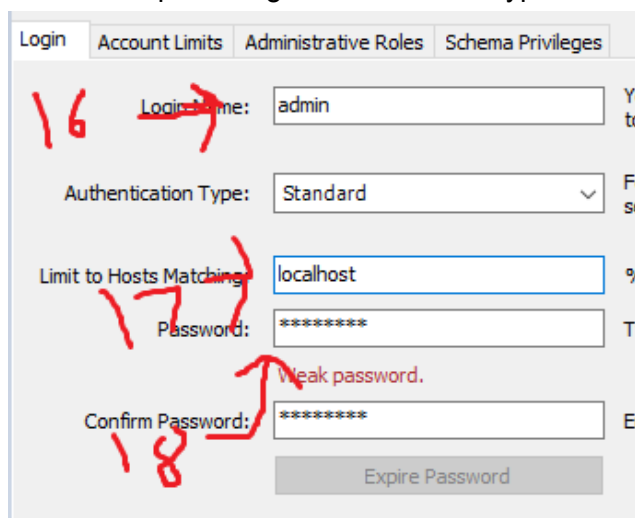
Press [Start Import] to start...

Handwritten red annotations: 8, 9, 10, 11, 13 with arrows pointing to specific fields and buttons.

- 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. Change authentication type to Standard. There should be NO ENCRYPTION!



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

localhost
Users and Privileges

User Accounts

User	From Host
admin	localhost
mysql.infoschema	localhost
mysql.session	localhost
mysql.sys	localhost
root	localhost

Details for account **admin@localhost**

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Login Account Limits Administrative Roles Schema Privileges

Role	Description	Global Privileges
<input checked="" type="checkbox"/> DBA	grants	<input checked="" type="checkbox"/> ALTER
<input checked="" type="checkbox"/> MaintenanceAdmin	grants	<input checked="" type="checkbox"/> ALTER ROUTINE
<input checked="" type="checkbox"/> ProcessAdmin	rights r	<input checked="" type="checkbox"/> CREATE
<input checked="" type="checkbox"/> UserAdmin	grants	<input checked="" type="checkbox"/> CREATE ROUTINE
<input checked="" type="checkbox"/> SecurityAdmin	rights t	<input checked="" type="checkbox"/> CREATE TABLESPACE
<input checked="" type="checkbox"/> MonitorAdmin	minimu	<input checked="" type="checkbox"/> CREATE TEMPORARY TABLES
<input checked="" type="checkbox"/> DBManager	grants	<input checked="" type="checkbox"/> CREATE USER
<input checked="" type="checkbox"/> DBDesigner	rights t	<input checked="" type="checkbox"/> CREATE VIEW
<input checked="" type="checkbox"/> ReplicationAdmin	rights r	<input checked="" type="checkbox"/> DELETE
<input checked="" type="checkbox"/> BackupAdmin	minima	<input checked="" type="checkbox"/> DROP
<input checked="" type="checkbox"/> Custom	custom	<input checked="" type="checkbox"/> EVENT
		<input checked="" type="checkbox"/> EXECUTE
		<input checked="" type="checkbox"/> FILE
		<input checked="" type="checkbox"/> GRANT OPTION
		<input checked="" type="checkbox"/> INDEX
		<input checked="" type="checkbox"/> INSERT
		<input checked="" type="checkbox"/> LOCK TABLES
		<input checked="" type="checkbox"/> PROCESS
		<input checked="" type="checkbox"/> REFERENCES
		<input checked="" type="checkbox"/> RELOAD
		<input checked="" type="checkbox"/> REPLICATION CLIENT
		<input checked="" type="checkbox"/> REPLICATION SLAVE
		<input checked="" type="checkbox"/> SELECT
		<input checked="" type="checkbox"/> SHOW DATABASES
		<input checked="" type="checkbox"/> SHOW VIEW
		<input checked="" type="checkbox"/> SHUTDOWN
		<input checked="" type="checkbox"/> SUPER
		<input checked="" type="checkbox"/> TRIGGER
		<input checked="" type="checkbox"/> 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 in windows CMD

- c. Run program in windows CMD

```
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
```