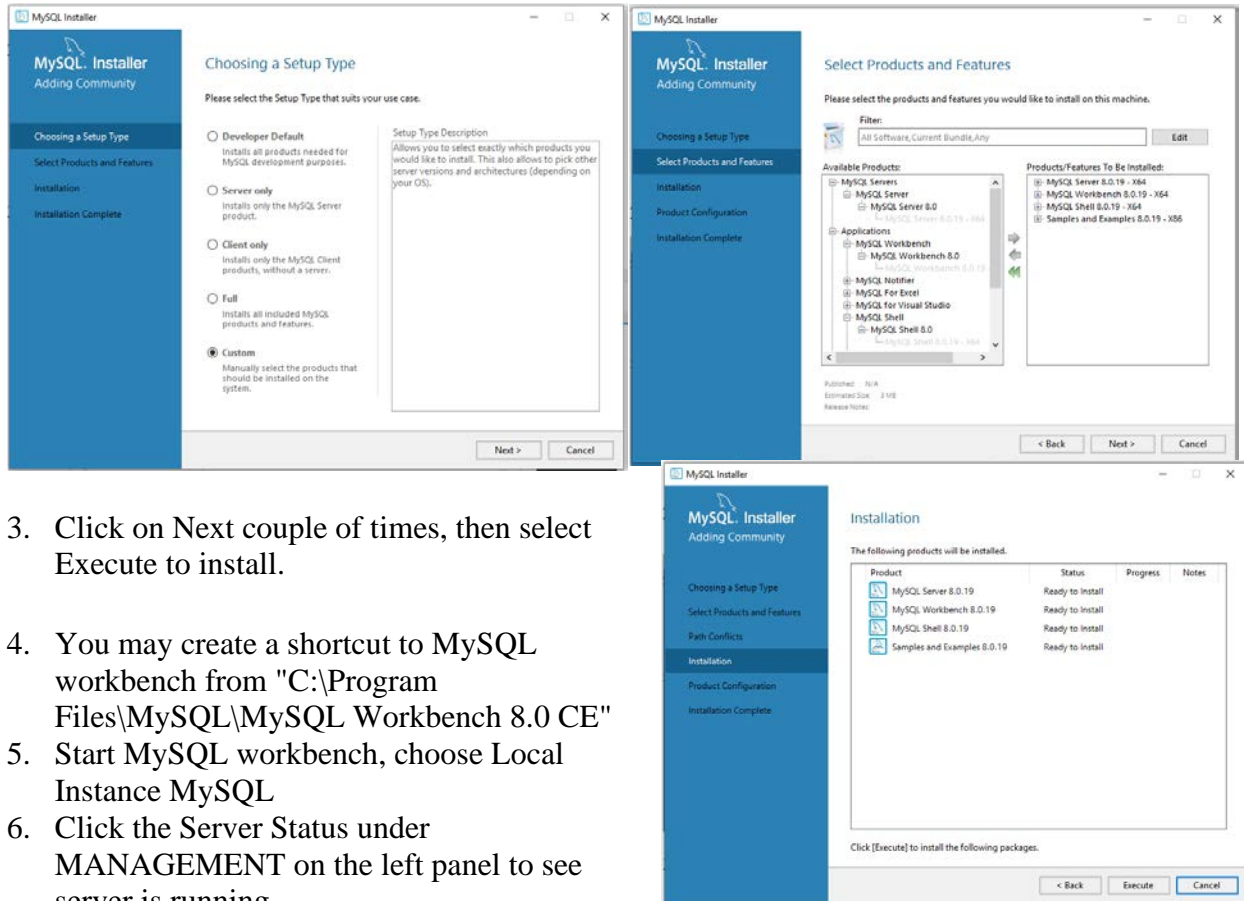
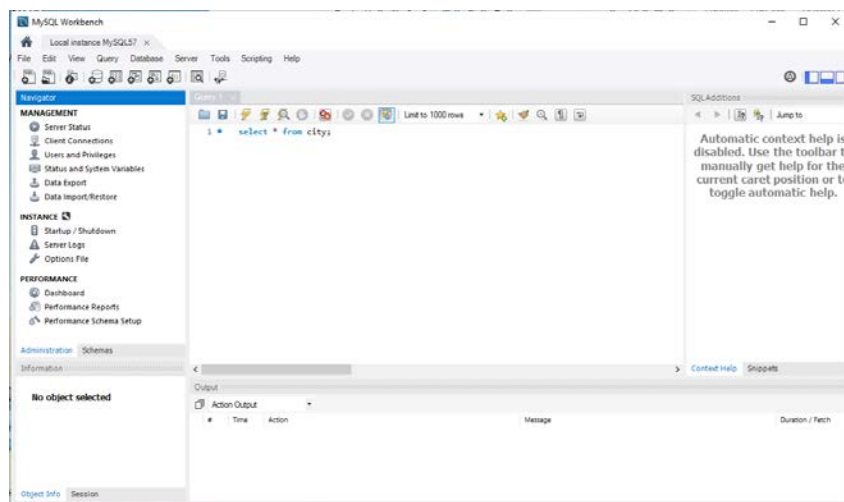


Installing MySQL on Windows

1. Download MSI Installer, and begin installation.
2. Choose Custom setup type, then add MySQL Server, MySQL Workbench, MySQL Shell and Samples and Examples to the Products/Features to be Installed.



3. Click on Next couple of times, then select Execute to install.
4. You may create a shortcut to MySQL workbench from "C:\Program Files\MySQL\MySQL Workbench 8.0 CE"
5. Start MySQL workbench, choose Local Instance MySQL
6. Click the Server Status under MANAGEMENT on the left panel to see server is running.
7. Right-click on the world under SCHEMAS on the left panel and set it as default schema.
8. Now, you may explore the content of the world database.



Creating a database “lab1” with a table “timeslot”

In SQL File tab, enter the following SQL statements, then Save as sql script and Execute.

```
CREATE DATABASE IF NOT EXISTS `lab1`;  
USE `lab1`;
```

```
DROP TABLE IF EXISTS `timeslot`;  
CREATE TABLE `timeslot` (  
    `time_slot_id` varchar(4) NOT NULL,  
    `day` varchar(1) NOT NULL,  
    `start_time` time NOT NULL,  
    `end_time` time DEFAULT NULL,  
    PRIMARY KEY (`time_slot_id`,`day`,`start_time`)  
);
```

```
LOCK TABLES `timeslot` WRITE;  
INSERT INTO `timeslot` VALUES  
    ('A','F','08:00:00','08:50:00'),('A','M','08:00:00','08:50:00');  
UNLOCK TABLES;
```

The screenshot shows the MySQL Workbench interface with the SQL File tab active. The SQL editor contains the following statements:

```
1 CREATE DATABASE IF NOT EXISTS `lab1`;  
2 USE `lab1`;  
3  
4 DROP TABLE IF EXISTS `timeslot`;  
5 CREATE TABLE `timeslot` (  
6     `time_slot_id` varchar(4) NOT NULL,  
7     `day` varchar(1) NOT NULL,  
8     `start_time` time NOT NULL,  
9     `end_time` time DEFAULT NULL,  
10    PRIMARY KEY (`time_slot_id`,`day`,`start_time`)  
11 );  
12  
13 LOCK TABLES `timeslot` WRITE;  
14  
15 INSERT INTO `timeslot` VALUES ('A','F','08:00:00','08:50:00'),('A','M','08:00:00','08:50:00');  
16  
17 UNLOCK TABLES;
```

The left sidebar shows the Schemas tab with the 'lab1' database selected. The bottom pane shows the Output window with the following results:

Time	Action	Message	Duration / Fetch
2 14:49:22	USE `lab1`	0 row(s) affected	0.000 sec
3 14:49:22	DROP TABLE IF EXISTS `timeslot`	0 row(s) affected, 1 warning(s): 1051 Unknown table 'lab1.timeslot'	0.000 sec
4 14:49:22	CREATE TABLE `timeslot` (`time_slot_id` varchar(4) NOT NULL, `day` var...	0 row(s) affected	0.266 sec
5 14:49:22	LOCK TABLES `timeslot` WRITE	0 row(s) affected	0.000 sec
6 14:49:22	INSERT INTO `timeslot` VALUES ('A','F','08:00:00','08:50:00'),('A','M','08:00:00...	2 row(s) affected Records: 2 Duplicates: 0 Warnings: 0	0.016 sec
7 14:49:22	UNLOCK TABLES	0 row(s) affected	0.000 sec