**Big Data Tools for Managers**

**Dept. of MBA, Siddaganga Institute of Technology-Tumkur**

Below is the link to download sample\_db dataset; this exercise makes you familiar with Union, Union All and View in MySQL.

Link-1 : <https://raw.githubusercontent.com/sitmbadept/sitmbadept.github.io/main/BDTM/SQL/sample_db.sql>

OR

Link-2 : <https://drive.google.com/file/d/18jUcbMpZv8NZqc4xQLeJdLg3X1duaVKA/view?usp=sharing>

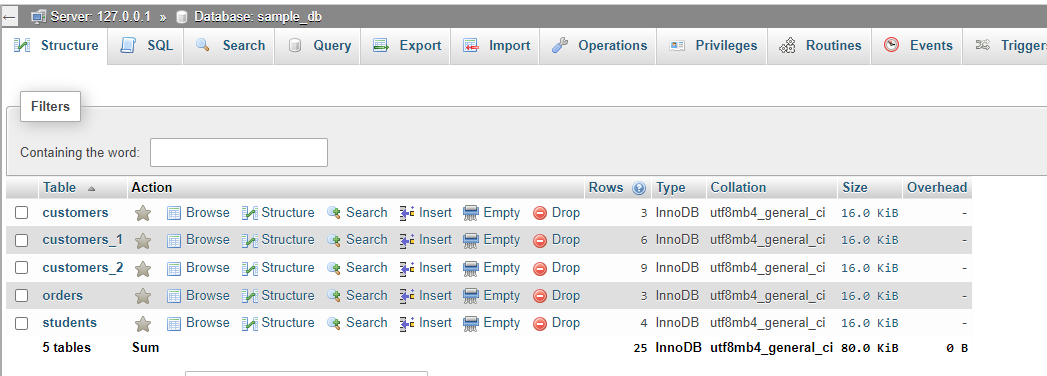
Write SQL Code for following Statements.

1. Import sample\_db database into MySQL.
2. List all the tables available in sample\_db
3. Display all the records from customers\_1
4. Display all the records from customers\_2
5. Combine customers\_1 and customers\_2 tables
6. Combine customers\_1 and customers\_2 tables; also display duplicate records if available
7. Display common records from the customers\_1 and customers\_2
8. Select Customer names from both table (customers\_1 and customers\_2)
9. Create View to display all the records from customers\_1 and customers\_2
10. Create View to display common records from customers\_1 and customers\_2
11. Import sample\_db database

Copy pastes entire SQL codes from given link.

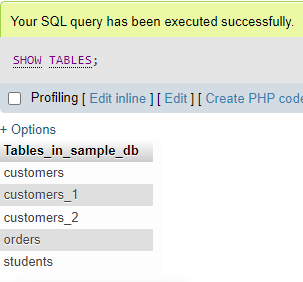


Select the **sample\_db** database after importing



1. List all the tables available in sample\_db

**SHOW TABLES;**



1. Display all the records from customers\_1

**SELECT \* FROM customers\_1;**

1. Display all the records from customers\_2

**SELECT \* FROM customers\_2;**

1. Combine customers\_1 and customers\_2 tables

[**SELECT**](http://localhost:90/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/select.html)**\* FROM customers\_1**

**UNION**

[**SELECT**](http://localhost:90/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/select.html)**\* FROM customers\_2;**

1. Combine customers\_1 and customers\_2 tables; also display duplicate records if available

[**SELECT**](http://localhost:90/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/select.html)**\* FROM customers\_1**

**UNION ALL**

[**SELECT**](http://localhost:90/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/select.html)**\* FROM customers\_2;**

1. Display common records from the customers\_1 and customers\_2

[**SELECT**](http://localhost:90/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/select.html)**\* FROM customers\_1**

**INTERSECT**

[**SELECT**](http://localhost:90/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/select.html)**\* FROM customers\_2;**

1. Select Customer names from both table (customers\_1 and customers\_2)

**SELECT customerName FROM customers\_1**

**UNION**

**SELECT customerName FROM customers\_2;**

1. Create View to display all the records from customers\_1 and customers\_2

**CREATE VIEW display\_all\_record as**

**SELECT \* FROM customers\_1**

**UNION**

**SELECT \* FROM customers\_2;**

1. Create View to display common records from customers\_1 and customers\_2

**CREATE VIEW display\_common\_record as**

**SELECT \* FROM customers\_1**

**INTERSECT**

**SELECT \* FROM customers\_2;**