Big Data Tools for Managers

Dept. of MBA, Siddaganga Institute of Technology-Tumkur

Below is the link to download <u>sample</u> <u>db</u> dataset; this exercise makes you familiar with Union, Union All and View in MySQL.

 $Link-1: https://raw.githubusercontent.com/sitmbadept/sitmbadept.github.io/main/BDTM/SQL/sample_db.sql. and the substitution of the substitution$

OR

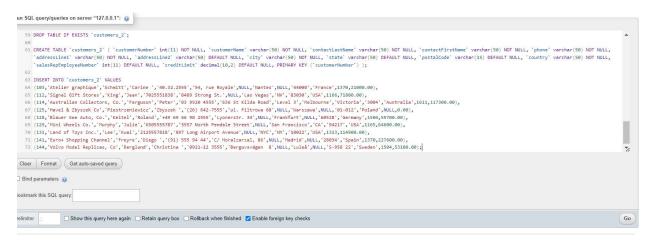
Link-2: https://drive.google.com/file/d/18jUcbMpZv8NZqc4xQLeJdLg3X1duaVKA/view?usp=sharing

Write SQL Code for following Statements.

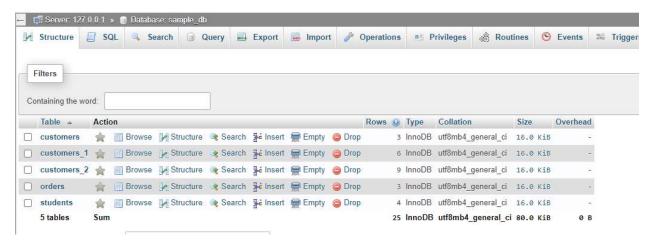
- 1. Import sample_db database into MySQL.
- 2. List all the tables available in sample_db
- 3. Display all the records from customers_1
- 4. Display all the records from customers_2
- 5. Combine customers_1 and customers_2 tables
- 6. Combine customers 1 and customers 2 tables; also display duplicate 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

1. Import sample_db database

Copy pastes entire SQL codes from given link.



Select the sample_db database after importing



2. List all the tables available in sample_db

SHOW TABLES;



3. Display all the records from customers_1

```
SELECT * FROM customers_1;
```

4. Display all the records from customers_2

```
SELECT * FROM customers_2;
```

5. Combine customers_1 and customers_2 tables

```
SELECT * FROM customers_1
UNION
SELECT * FROM customers_2;
```

6. Combine customers_1 and customers_2 tables; also display duplicate records if available

```
SELECT * FROM customers_1
UNION ALL
SELECT * FROM customers_2;
```

```
7. Display common records from the customers_1 and customers_2
SELECT * FROM customers_1
INTERSECT
SELECT * FROM customers_2;
8. Select Customer names from both table (customers_1 and customers_2)
SELECT customerName FROM customers_1
UNION
SELECT customerName FROM customers_2;
9. 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;
10. 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;
```