

Lesson 02 Demo 01

Insert, Update, Delete Records from Table

Objective: To insert, update, & delete the records in a table

Tool required: MySQL

Prerequisites: SQL

Steps to be followed:

- 1. Create a new table
- 2. Insert records in the table
- 3. Update records in the table
- 4. Delete records from the table
- 5. Commit the files
- 6. Add remote URL for the repository
- 7. Push the files
- 8. Edit index.html file
- 9. Commit and push the changes

Step 1: Create a new table

1.1 Login to the terminal in lab and type the following command to open MySQL shell:

sudo mysql -u root -p (password is empty for this root user)

```
File Edit View Search Terminal Help

srijanighataksi@ip-172-31-27-104:~

srijanighataksi@ip-172-31-27-104:~

Enter password:

Welcome to the MySQL monitor. Commands end with ; or \g.

Your MySQL connection id is 10

Server version: 8.0.29-0ubuntu0.20.04.3 (Ubuntu)

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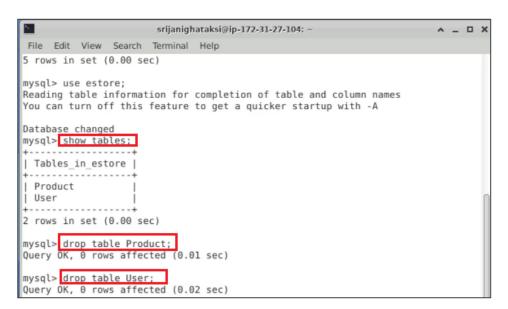
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Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.
```



1.2 Switch to the estore database and then delete existing tables using the below commands:

```
use estore;
show tables;
drop table Product;
drop table User;
```

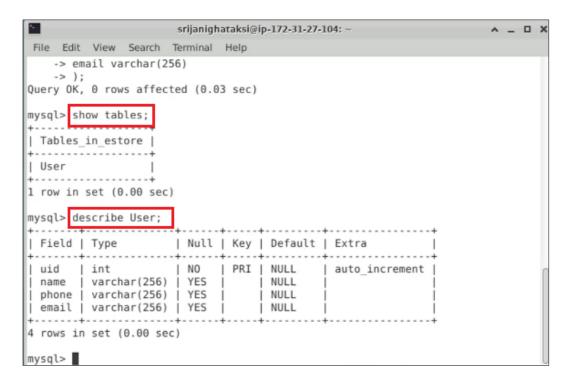


1.3 Create a table using the following commands:



1.4 Create a table using the following commands:

show tables; describe User;



Step 2: Insert records in the table

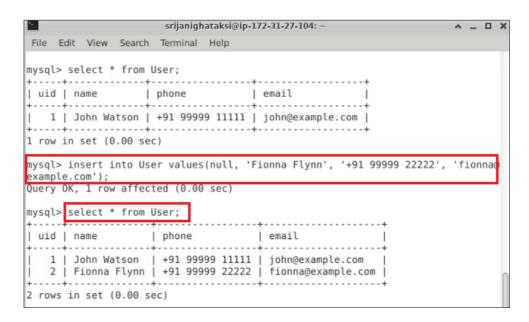
2.1 Insert the first row using the commands given below:

insert into User values(null, 'John Watson', '+91 99999 11111', 'john@example.com'); select * from User;



2.2 Insert the second row using the commands given below:

insert into User values(null, 'Fionna Flynn', '+91 99999 22222', 'fionna@example.com'); select * from User;



2.3 Insert the third row (without phone number) using the commands given below:

insert into User (uid, name, email) values (null, 'Dave', 'dave@example.com'); select * from User;



Step 3: Update the records in the table

3.1 Update the values using the following commands:

update User set name= 'Dave Den', phone='+91 98765 12345' where uid = 3; select * from User;

3.2 Insert another row in the table using the following commands:

insert into User values(null, ", ", ");
select * from User;



3.3 Update the new row in the table using the following commands:

update User set name = 'Anna Ko', phone = '+91 90909 10101', email = 'anna@example.com' where uid = 4); select * from User;



Step 4: Delete the record

4.1 Delete a row using the following commands:

delete from User where uid = 3; select * from User;

