MySQL Assignment 2 – DDL Constraints

Que: Create a database called “Sales” and create a new table named “Orders” in the Sales database with columns: (Order\_Id, Customer\_name, Product\_Category, Ordered\_item, Contact\_No). Use constraints: Primary Key Unique Not Null 1. Add a new column named “order\_quantity” to the orders table. 2. Rename the orders table to the sales\_orders table. 3. Insert 10 rows into the sales\_orders table. 4. Retrieve customer\_name and Ordered\_Item from the sales\_orders table. 5. Use the update command to change the name of the product for any row. 6. Delete the sales\_orders table from the database.

Ans:

-- Create a database called “Sales”

-- create database

create database Sales;

use sales;

-- create a new table named “Orders” in the Sales database with columns:

-- (Order\_Id, Customer\_name, Product\_Category, Ordered\_item, Contact\_No). Use constraints: Primary Key Unique Not Null

create table Orders(

Order\_Id INT PRIMARY KEY,

Customer\_name varchar(30),

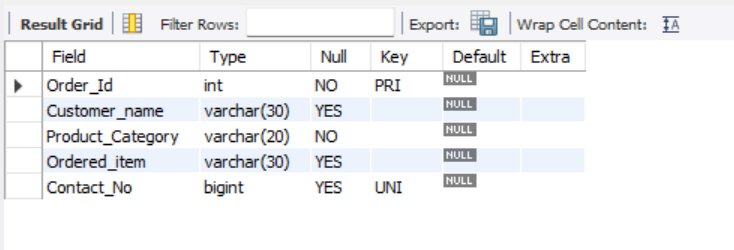
Product\_Category varchar(20) not null,

Ordered\_item varchar(30),

Contact\_No bigint unique

);

desc orders;



-- 1. Add a new column named “order\_quantity” to the orders table.

alter table orders add Order\_quantity int;

desc orders;

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-- 2. Rename the orders table to the sales\_orders table.

rename table orders to Sales\_Orders;

desc sales\_orders;

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-- 3. Insert 10 rows into the sales\_orders table.

insert into sales\_orders values(6574,'Anandu', 'electronics', 'iron box', 8281365067, 4);

insert into sales\_orders values(6382,'Ashok', 'industry', 'spanner', 8281365061, 1);

insert into sales\_orders values(9874,'Sobha', 'grocery', 'fruits', 8281365062, 2);

insert into sales\_orders values(2367,'Akhil', 'mechanical', 'compass', 8281365063, 3);

insert into sales\_orders values(9846,'Abhirami', 'grocery', 'pen', 8281365064, 5);

insert into sales\_orders values(6478,'Anaswa', 'grocery', 'vegetables', 8281365065, 6);

insert into sales\_orders values(9345,'Akshad', 'toys', 'car', 8281365066, 7);

insert into sales\_orders values(6472,'Adishesh', 'toys', 'jeep', 8281365068, 8);

insert into sales\_orders values(9485,'Anjali', 'academics', 'table', 8281365069, 9);

insert into sales\_orders values(1425,'Aswathy', 'grocery', 'moong seeds', 8281365060, 2);

select \* from sales\_orders;

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-- 4. Retrieve customer\_name and Ordered\_Item from the sales\_orders table.

select customer\_name, ordered\_item from sales\_orders;

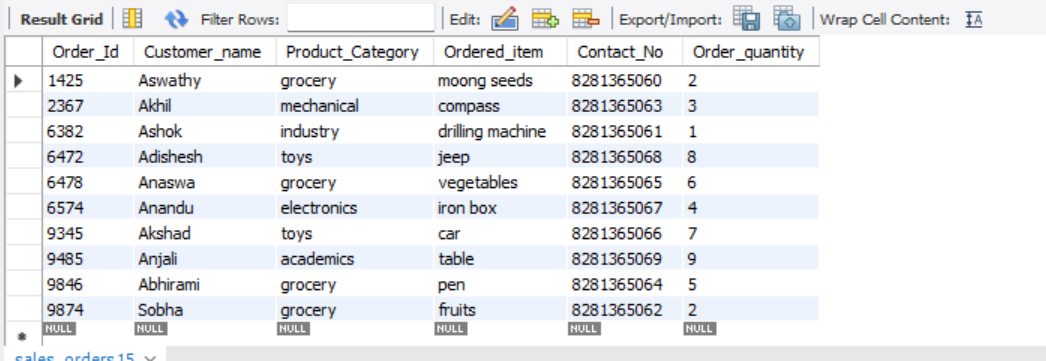
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-- 5. Use the update command to change the name of the product for any row.

update sales\_orders set ordered\_item = 'drilling machine' where customer\_name = 'ashok';

select \* from sales\_orders;



-- 6. Delete the sales\_orders table from the database.

drop table sales\_orders;