INSERT INTO product(P\_ID,P\_NAME,P\_CAT,P\_PRICE,P\_QUANTITY)

VALUES

(1,'CHAIR','HOME',200,15);

('TABLE','HOME',300,25)

INSERT INTO product(P\_ID,P\_NAME,P\_CAT,P\_PRICE,P\_QUANTITY)

VALUES

('TABLE','HOME',300,25)

INSERT INTO product(P\_ID,P\_NAME,P\_CAT,P\_PRICE,P\_QUANTITY)

VALUES

('LAPTOP','ELECTRONICS',3000,25);

INSERT INTO product(P\_NAME,P\_CAT,P\_PRICE,P\_QUANTITY)

VALUES

('LAPTOP','ELECTRONICS',3000,25);

CREATE TABLE DIMMY(ID INT,NAME VARCHAR(10));

ALTER TABLE DIMMY ADD COLUMN BRANCH VARCHAR(10);

ALTER TABLE dimmy DROP BRANCH;

ALTER TABLE dimmy MODIFY ID VARCHAR(3);

ALTER TABLE dimmy MODIFY ID VARCHAR(30);

PRIMARY KEY;

ALTER TABLE dimmy CONSTRAINT ID VARCHAR(3) PRIMARY KEY;

[SELECT](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/select.html) \* FROM product WHERE P\_PRICE BETWEEN 100 [AND](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/logical-operators.html%23operator_and) 1000;

[UPDATE](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/update.html) product [SET](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/set.html) P\_PRICE=200 WHERE P\_ID=1 [AND](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/logical-operators.html%23operator_and) P\_CAT="HOME";

CREATE TABLE CUSTOMER(C\_ID INT AUTO\_INCREMENT PRIMARY KEY,C\_NAME VARCHAR(20),C\_GENDER VARCHAR(10),C\_MOB INT NOT NULL,C\_ADDRESS VARCHAR(20) DEFAULT "JAIPUR",C\_AGE INT CHECK(C\_AGE>=18));

[SELECT](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/select.html) [CURRENT\_DATE](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/date-and-time-functions.html%23function_current_date)();

INSERT INTO customer(C\_NAME,C\_GENDER,C\_MOB,C\_ADDRESS)

VALUES

('TABLE','HOME',300,'JAIPUR'),('TABLE','HOME',300,'UDAIPUR'),('TABLE','HOME',300,'JAIPUR'),('TABLE','HOME',300,'ALWAR'),('TABLE','HOME',300,'TONK'),('TABLE','HOME',300,'BHARATPUR'),('TABLE','HOME',300,KOTA),('TABLE','HOME',300,UDAIPUR),('TABLE','HOME',300,DELHI),('TABLE','HOME',300,JAIPUR),('TABLE','HOME',300,'TONK'),('TABLE','HOME',300,ALWAR),('TABLE','HOME',300,TONK),('TABLE','HOME',300,DELHI),('TABLE','HOME',300,KOTA)('TABLE','HOME',300,'BHARATPUR')('TABLE','HOME',300,KOTA),('TABLE','HOME',300,BHARATPUR),

('TABLE','HOME',300,'TONK'),('TABLE','HOME',300,'ALWAR'),('TABLE','HOME',300,'UDAIPUR'),('TABLE','HOME',300,DELHI),('TABLE','HOME',300,JAIPUR),('TABLE','HOME',300,'KOTA'),('TABLE','HOME',300,'ALWAR')

[SELECT](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/select.html) [AVG](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/aggregate-functions.html%23function_avg)(P\_PRICE) FROM product;

SELECT AVG(P\_PRICE) AS RITIK FROM product;

[SELECT](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/select.html) \* FROM product ORDER BY P\_CAT;

[SELECT](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/select.html) [MAX](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/aggregate-functions.html%23function_max)(P\_PRICE) FROM product GROUP BY P\_CAT;

[SELECT](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/select.html) P\_CAT, [MAX](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/aggregate-functions.html%23function_max)(P\_PRICE) FROM product GROUP BY P\_CAT;

[SELECT](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/select.html) P\_CAT, [MAX](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/aggregate-functions.html%23function_max)(P\_PRICE) FROM product GROUP BY P\_CAT ORDER BY P\_CAT DESC;

CREATE TABLE DANCE(D\_type VARCHAR(40), FOREIGN KEY (D\_ID) Refrences customer(C\_ID),FOREIGN KEY (D\_NAME) Refrences customer(C\_NAME)

CREATE TABLE DANCE (

D\_type VARCHAR(40),

D\_ID INT,

D\_NAME VARCHAR(40),

FOREIGN KEY (D\_ID) REFERENCES customer(C\_ID),

FOREIGN KEY (D\_NAME) REFERENCES customer(C\_NAME)

);

30/4/24

SELECT SUM(P\_CAT) FROM product GROUP BY P\_CAT HAVING SUM(P\_PRICE)>=500

SELECT COUNT(C\_ID),C\_ADDRESS FROM customer GROUP BY C\_ADDRESS ORDER BY COUNT(C\_ID) DESC

SELECT COUNT(C\_ID),C\_ADDRESS FROM customer GROUP BY C\_ADDRESS HAVING COUNT(C\_ID)>2 ORDER BY COUNT(C\_ID) DESC

SELECT C.C\_NAME FROM CUSTOMER C INNER JOIN ORDER O ON WHERE C.C\_ID=O.O\_ID

SELECT C.C\_NAME FROM CUSTOMER C INNER JOIN ORDER O ON C.C\_ID=O.O\_ID

SELECT C.C\_NAME FROM customer C LEFT JOIN ORDER O ON customer C.C\_ID=O.O\_ID

SELECT C.C\_NAME FROM customer C RIGHT JOIN ORDER O ON customer C.C\_ID=O.O\_ID

SELECT C\_NAME,C\_ADDRESS FROM customer WHERE C\_ADDRESS IN('JAIPUR','AJMER','DELHI','PUNJAB')

SELECT C\_NAME FROM customer C WHERE EXISTS (SELECT P.P\_ID FROM product P WHERE P.P\_ID=C.C\_ID AND P\_PRICE>100)

SELECT P\_NAME FROM product WHERE P\_ID=ANY(SELECT 0\_ID FROM ORDER WHERE P\_QUANTITY =10)

INSERT INTO `c\_order` (`O\_ID`, `O\_DATE`, `PP\_ID`, `CC\_ID`) VALUES ('101', '2024-04-10', '1', '4');

14/05/2024

CREATE VIEW Customer\_name\_all AS SELECT C\_NAME FROM customer;

SELECT C\_NAME FROM customer\_name\_all WHERE C\_NAME LIKE 'p%'

CREATE or REPLACE view customer\_name\_all as SELECT C\_NAME,C\_ADDRESS FROM customer;

CREATE OR REPLACE VIEW customer\_name\_all AS

SELECT C\_NAME, C\_ADDRESS FROM customer WHERE C\_ADDRESS = 'Jaipur';

drop VIEW customer\_name\_all

CREATE INDEX C\_ID on customer(C\_ID)

[ALTER](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/alter-table.html) [TABLE](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/alter-table.html) customer [DROP](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/drop-index.html) [INDEX](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/drop-index.html) C\_ID;

21/05/2024

CREATE view may21 as SELECT \* from customer

SELECT C\_NAME,C\_ADDRESS from may21 where C\_ADDRESS='jaipur'

Create Trigger update\_age

Before insert on customer

FOR EACH ROW

SET NEW.AGE =NEW.AGE+2