create database task;

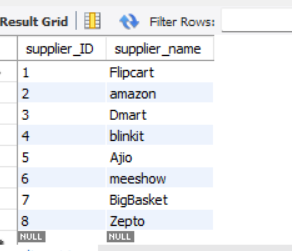
use task;

**Task 2**

**CREATE TABLE suppliers** (supplier\_ID INT(100) PRIMARY KEY,supplier\_name VARCHAR(50) NOT NULL);

insert into suppliers values('1','Flipcart'),('2','amazon'),('3','Dmart'),('4','blinkit'),('5','Ajio'),('6','meeshow'),('7','BigBasket'),('8','Zepto');

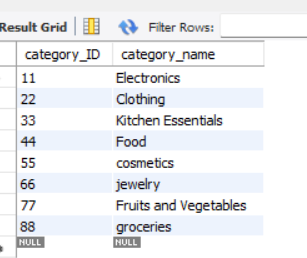
select \* from suppliers;



**CREATE TABLE categories** (category\_ID INT(100) PRIMARY KEY,category\_name varchar(50) NOT NULL);

insert into categories values('11','Electronics'),('22','Clothing'),('33','Kitchen Essentials'),('44','Food'),('55','cosmetics'),('66','jewelry'),('77','Fruits and Vegetables'),('88','groceries');

select \* from categories;



**CREATE TABLE Products (**

Product\_ID INT(100) PRIMARY KEY,

Product\_Name VARCHAR(100) NOT NULL,

Supplier\_ID INT(100),

Category\_ID INT(100),

QuantityPerUnit int(100),

UnitPrice INT(100),

UnitsInStock INT(100),

UnitsOnOrder INT(100),

ReorderLevel INT(100),

Discontinued BOOLEAN NOT NULL DEFAULT 0,

foreign key (Supplier\_id) references suppliers(Supplier\_ID),

foreign key (category\_ID) references categories(category\_ID));

select \* from products;

INSERT INTO products VALUES

('111', 'Earbuds', '1', '11', '1', '10', '20', '40', '1', 0),

('222', 'Kurthi', '2', '22', '2', '20', '30', '50', '3', 1),

('333', 'Non-stick pan', '3', '33', '3', '30', '40', '60', '4', 0),

('444', 'Biriyani', '4', '44', '4', '40', '50', '55', '1', 0),

('555', 'Lipstick', '5', '55', '5', '50', '52', '35', '2', 1),

('666', 'ear rings', '6', '66', '6', '60', '39', '16', '5', 1),

('777', 'Tamatos', '7', '77', '7', '70', '12', '22', '1', 0),

('670', 'burger', '8', '88', '10', '33', '11', '63', '12', 1),

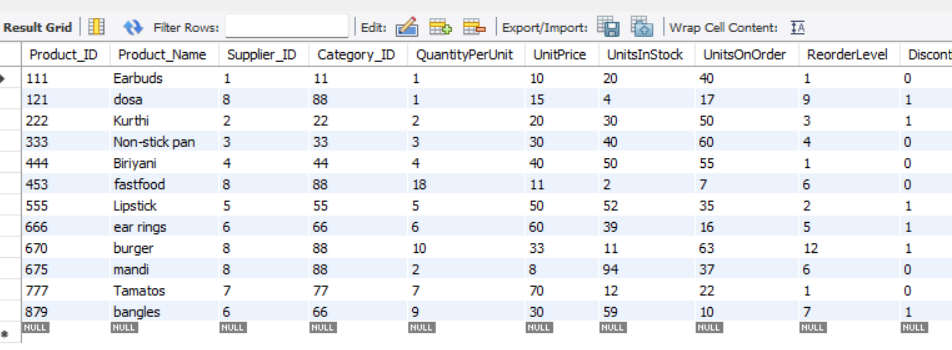
('121', 'dosa', '8', '88', '1', '15', '4', '17', '9', 1),

('453', 'fastfood', '8', '88', '18', '11', '2', '7', '6', 0),

('879', 'bangles', '6', '66', '9', '30', '59', '10', '7', 1),

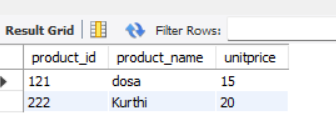
('675', 'mandi', '8', '88', '2', '8', '94', '37', '6', 0);

select \* from products;



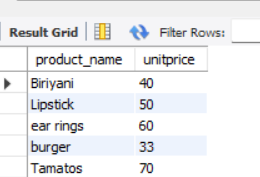
//Write a MySQL query to get Product list (id, name, unit price) where products cost between $15 and 25 rupees.

SELECT product\_id, product\_name, unitprice FROM products WHERE unitprice BETWEEN 15 AND 25;



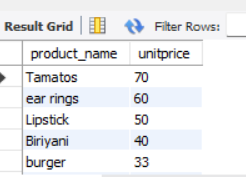
//Write a MySQL query to get Product list (name, unit price) of above average price.

SELECT product\_name, unitprice FROM products WHERE unitprice > (SELECT AVG(unitprice) FROM products);



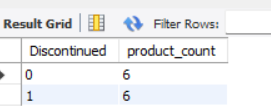
//Write a MySQL query to get Product list (name, unit price) of ten most expensive products.

SELECT product\_name, unitprice FROM products ORDER BY unitprice DESC LIMIT 10;



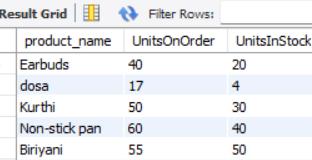
/Write a MySQL query to count current and discontinued products.

SELECT Discontinued, COUNT(\*) AS product\_count FROM products GROUP BY Discontinued;



//Write a MySQL query to get Product list (name, units on order , units in stock) of stock is less than the quantity on order.

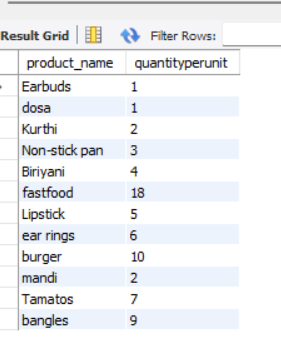
SELECT product\_name, UnitsOnOrder, UnitsInStock FROM products WHERE UnitsInStock < UnitsOnOrder;



**Task 1;**

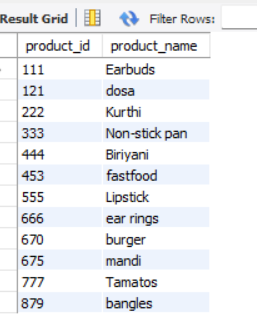
// Write a mysql query to get Product name and quantity/unit.

SELECT product\_name, quantityperunit FROM products;



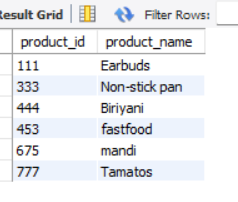
//Write a MySQL query to get current Product list (Product ID and name).

SELECT product\_id, product\_name FROM products order by product\_id;



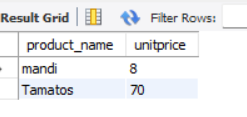
//Write a MySQL query to get discontinued Product list (Product ID and name).

SELECT product\_id, product\_name FROM products WHERE discontinued = 'discontinued';



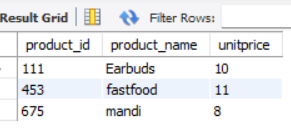
//Write a MySQL query to get most expense and least expensive Product list (name and unit price).

select product\_name,unitprice from products where unitprice=(select max(unitprice) from products)or unitprice=(select min(unitprice) from products);



//Write a MySQL query to get Product list (id, name, unit price) where current products cost less than 20 rupees.

SELECT product\_id, product\_name, unitprice FROM products WHERE Discontinued = 'Discontinued' AND unitprice < 20;



drop table products;

drop table suppliers;

drop table categories;