**TEAM TASK**

**Task-1: create a table with name products and entries are**

ProductID, Product name, supplier ID, categoryID, Quantity per unit, unit price, units in stock, units on order, reorder level, discontinued.

Indexes: primary key product name, foreign key is products categories & products suppliers.

Queries:

1. Write a mysql query to get Product name and quantity/unit.
2. Write a MySQL query to get current Product list (Product ID and name).
3. Write a MySQL query to get discontinued Product list (Product ID and name).
4. Write a MySQL query to get most expense and least expensive Product list (name and unit price).
5. Write a MySQL query to get Product list (id, name, unit price) where current products cost less than 20 rupees.

create database team;

use team1

create table product(

productID int,

Productname varchar(10) primary key,

supplierId int not null,

categoryID int not null,

Quantityperunit decimal,

unitprice int not null,

unitsstock int,

unitsorder int,

reorderlevel varchar(10),

discontinued varchar(10)

);

insert into product values(1,'Laptop',11,101,90,65000,30,15,'High','Yes');

insert into product values(2,'phone',12,102,70,20000,100,80,'low','no');

insert into product values(3,'Bud',13,103,30,3000,47,69,'high','Yes');

insert into product values(4,'Tab',14,104,10,7000,10,7,'Low','no');

insert into product values(5,'Earphone',15,105,500,600,80,50,'High','Yes');

insert into product values(6,'Charger',16,106,20,700,20,15,'Low','Yes');

insert into product values(7,'Keyboard',17,107,40,4000,50,20,'Low','Yes');

insert into product values(8,'monitors',18,108,60,2000,60,10,'High','Yes');

insert into product values(9,'bags',19,109,80,1000,60,35,'High','Yes');

insert into product values(10,'powerbank',20,110,50,4500,20,10,'High','Yes');

select\*from product;

create table product\_ctg(

pdt\_ctg\_id int,

pdt\_ctg varchar(10),

pdt\_name varchar(10),

foreign key(pdt\_name) references product(productname)

);

insert into product\_ctg values(1,'gadgets','laptop');

insert into product\_ctg values(2,'gadgets','phone');

insert into product\_ctg values(3,'gadgets','bud');

insert into product\_ctg values(4,'gadgets','tab');

insert into product\_ctg values(5,'accessorie','earphone');

insert into product\_ctg values(6,'electronic','keyboard');

insert into product\_ctg values(7,'accessorie','monitors');

insert into product\_ctg values(8,'gadgets','bags');

insert into product\_ctg values(9,'electronic','powerbank');

insert into product\_ctg values(10,'accessorie','charger');

select\*from product\_ctg;

create table product\_suppliers(

pdt\_sup\_id int,

pdt\_sup\_name varchar(10),

pdt\_name varchar(20),

foreign key(pdt\_name) references product(productname)

);

insert into product\_suppliers values(1,'amazon','phone');

insert into product\_suppliers values(2,'flipkart','laptop');

insert into product\_suppliers values(3,'amazon','bud');

insert into product\_suppliers values(4,'amazon','tab');

insert into product\_suppliers values(5,'flipkart','earphone');

insert into product\_suppliers values(6,'amazon','keybords');

insert into product\_suppliers values(7,'amazon','bags');

insert into product\_suppliers values(8,'flipkart','monitors');

insert into product\_suppliers values(9,'flipkart','powerbank');

insert into product\_suppliers values(10,'amazon','charger');

select\*from product;

Task 1

use team1;

select\*from product;

select productname, Quantityperunit from product;

Task 2

select productID, productname from product order by productID asc;

Task 3

select productID, productname discontinued from product where discontinued='yes';

Task 4

(select productname, min(unitprice) from product group by (productname) limit 1)

union

(select productname, max(unitprice) from product group by(productname) limit 1);

Task 5

select productID, productname, unitprice from product where unitprice<1500 order by productID asc;