show databases;

use vit;

show tables;

select \* from cont

where m\_no between 1000 and 20000

and f\_name not in ('hardhik','rohith');

#aggeration functions

select min(m\_no) from cont;

select avg(m\_no) from cont;

select count(m\_no) from cont;

select max(m\_no) from cont;

select sum(m\_no) from cont;

create table shop(name varchar(20),p\_id int primary key,Price int );

insert into shop values ('Power',1,50),('shampoo',2,340),('sunscreem',3,399),('wheypower',4,2000),('comb',5,10),('oil',6,39);

insert into shop values ('snaks',7,400),('pens',8,50),('scale',9,10),('groomimg set',10,4999);

select count(p\_id) from shop;

select min(price) from shop;

select max(price) from shop;

select avg(price) from shop;

select \* from shop where price=(select min(price) from shop);

#worker1

select \* from worker;

INSERT INTO Worker

(WORKER\_ID, FIRST\_NAME, LAST\_NAME, SALARY, JOINING\_DATE, DEPARTMENT) VALUES

(001, 'Monika', 'Arora', 100000, '14-02-20 09.00.00', 'HR'),

(002, 'Niharika', 'Verma', 80000, '14-06-11 09.00.00', 'Admin'),

(003, 'Vishal', 'Singhal', 300000, '14-02-20 09.00.00', 'HR'),

(004, 'Amitabh', 'Singh', 500000, '14-02-20 09.00.00', 'Admin'),

(005, 'Vivek', 'Bhati', 500000, '14-06-11 09.00.00', 'Admin'),

(006, 'Vipul', 'Diwan', 200000, '14-06-11 09.00.00', 'Account'),

(007, 'Satish', 'Kumar', 75000, '14-01-20 09.00.00', 'Account'),

(008, 'Geetika', 'Chauhan', 90000, '14-04-11 09.00.00', 'Admin');

create table worker1(WORKER\_ID INT NOT NULL PRIMARY KEY AUTO\_INCREMENT,

FIRST\_NAME CHAR(25),

LAST\_NAME CHAR(25),

SALARY INT(15),

JOINING\_DATE DATETIME,

DEPARTMENT CHAR(25)

);

show tables;

INSERT INTO Worker1

(WORKER\_ID, FIRST\_NAME, LAST\_NAME, SALARY, JOINING\_DATE, DEPARTMENT) VALUES

(001, 'VAMIKA', 'Arora', 100000, '14-02-20 09.00.00', 'HR'),

(002, 'HARIKA', 'Verma', 80000, '14-06-11 09.00.00', 'Admin'),

(003, 'VISHU', 'Singhal', 300000, '14-02-20 09.00.00', 'HR'),

(004, 'AMIT', 'Singh', 500000, '14-02-20 09.00.00', 'Admin'),

(005, 'VINNU', 'Bhati', 500000, '14-06-11 09.00.00', 'Admin'),

(006, 'ATTUL', 'Diwan', 200000, '14-06-11 09.00.00', 'Account'),

(007, 'KOTALA', 'Kumar', 75000, '14-01-20 09.00.00', 'Account'),

(008, 'GEETHU', 'Chauhan', 90000, '14-04-11 09.00.00', 'Admin');

#TO CHECK HOW MANY DIFFERNET VALUES PRESENT IN A COLOUMN

select distinct(department) from worker1;

#UNION

select department from worker

union

select department from worker1;

#UNION ALL

select department from worker

union all

select department from worker1;

select worker\_id,first\_name from worker

where department='HR'

union

select worker\_id,first\_name from worker1

where department='ADMIN';

#SQL CASE

Select First\_name,Last\_name,Salary,

CASE

When salary >=500000 then 'Rich People'

when salary<500000 && salary>=100000 then 'MIDDLE CLASS'

when salary<100000 then 'POOR CLASS'

else 'DATA NOT FOUND'

END

as status\_check\_aspersalary

from worker;

#ORDERED BY

select \* from worker where salary<1000000 order by salary;

select \* from worker where salary<1000000 order by salary desc;

select \* from worker where salary<1000000 order by first\_name desc,last\_name asc;

#LIKE CLAUSE

select \* from worker where first\_name LIKE '\_i%l';

select \* from worker where first\_name LIKE '%a\_a';

select \* from worker where first\_name LIKE '%i\_a';

select \* from worker where last\_name LIKE '%i\_\_h';

select \* from worker where last\_name LIKE 'V\_\_m%';

SELECT \*

FROM worker

WHERE first\_name LIKE 'G\_\_t%' AND first\_name LIKE '\_\_%ka';

#TO CREATE A VIEW

CREATE VIEW ADMIN\_TEAM AS SELECT \* FROM WORKER WHERE DEPARTMENT='HR' AND SALARY<100000;

SELECT \* FROM ADMIN\_TEAM;

#TO REPLACE A VIEW

CREATE OR REPLACE VIEW ADMIN\_TEAM AS SELECT \* FROM WORKER WHERE DEPARTMENT='HR' AND SALARY>100000;

#TO DROP A VIEW

DROP VIEW ADMIN\_TEAM;