show databases;

use vit;

#drop database VIT;

#drop table cse;

#alter table cse drop column s\_name;

show tables;

desc cse;

#delete - is used to delete a particular row & table

CREATE TABLE Worker (

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)

);

use vit;

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');

show tables;

select \* from Worker;

delete from worker where department='HR';

delete from worker where salary <=100000;

delete from worker where first\_name='vivek';

delete from worker where worker\_id=4;

truncate table worker;

delete from worker;

create table devp(name varchar(20),number int );

start transaction;

insert into devp values('naidu',2005);

savepoint a12;

insert into devp values('Ravi',2004);

savepoint a1;

select \* from devp;

delete from devp where name='ravi';

select \* from devp;

rollback to a1;

select \* from devp;

show tables;

desc profile;

select \* from profile;

select \* from profile where M\_no=675;

select M\_no from profile;

select Address from profile;

select M\_no as mobile\_number from profile;

#operators-logical and common

select \* from worker;

select first\_name from worker where salary <200000;

select first\_name from worker where salary=100000;

select first\_name from worker where salary>=10000000;

select first\_name from worker where salary <10000000;

select first\_name from worker where salary <200000 & department='HR';

select \* from worker where salary >200000 AND department='HR';

select \* from worker where salary <200000 AND department='HR' OR 'ADMIN';

select first\_name from worker where salary <300000 AND SALARY>100000 AND department='Account'OR'ADMIN';

#IN OPERATOR

select \* from worker where worker\_id IN (1,6,7);

#in even number worker id who is getting more salary and HR & Admin Team

select \* from worker where salary=(select MAX(salary)From Worker) AND (department='HR'OR'ADMIN') AND worker\_id IN(2,4,6,8);

SELECT \* FROM worker WHERE salary = (SELECT MAX(salary) FROM worker) AND (department ='HR' OR department= 'ADMIN') AND worker\_id%2=0;