show databases;

use vit\_ap;

show tables from vit\_ap;

drop table ece;

desc cse;

alter table cse drop column s\_address;

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)

);

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');

select \* from worker;

delete from worker where salary<=200000;

delete from worker;

truncate table worker;

create table student(

id int,

name varchar(40));

start transaction;

insert into student values(1003,'Soha');

savepoint a10;

insert into student values(1004,'Lasya');

savepoint a11;

delete from student where id=1004;

select \* from student;

rollback to a11;

select \* from student;

commit;

delete from student where id=1004;

commit;

rollback to a11;

#operators logical and comparator

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');

select \* from worker;

select first\_name,department from worker where salary>300000;

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

select \* from worker where salary<200000 and (department='Admin' or department='HR');

select \* from worker where salary>100000 and salary<300000 and (department='Account' or department='Admin');

select \* from worker where worker\_id in (002,004,006);

select \* from worker where worker\_id not in (001,003,005);

select first\_name,department from worker where department in ('HR','Admin') and worker\_id in(002,004,006,008) and salary=(select max(salary) from worker where department in('HR','Admin') and worker\_id in(002,004,006,008));