create database newClass;

use newClass;

create table Emp(empId int primary key,emp\_name varchar(50) ,

emp\_number int

);

alter table Emp modify emp\_name varchar(50) not null;

alter table Emp modify emp\_number bigint;

insert into Emp values(1,'Noha',9032345);

insert into Emp values(2,'Joy',1234567890);

insert into Emp values(3,'Shane',null);

alter table Emp modify column empId int auto\_increment;

alter table Emp add column dob date not null;

#here we are using auto increament thing

insert into Emp (emp\_name,emp\_number,dob) values('Su',456596632,'2000-02-05');

insert into Emp (emp\_name,emp\_number,dob) values('Tony',4565874632,'2001-02-05');

select \* from Emp;

#add location column

#use select command to diplay location other than Banglore.

update Emp set dob='1950-02-01' where empId=1;

update Emp set dob='1952-05-04' where empId=2;

update Emp set dob='1967-07-02' where empId=3;

update Emp set dob='1999-08-05' where empId=4;

alter table Emp add location varchar(20) default 'Banglore';

#alter table Emp drop column location;

update Emp set location='Pune'where empId=1;

update Emp set location='Bikaner'where empId=2;

update Emp set location='Jaipur'where empId=3;

update Emp set location='Jaipur'where empId=4;

update Emp set location='Jaipur'where empId=6;

select \* from Emp where location !='Banglore';

select \* from Emp where EMPID=2;

select location,count(\*) as number\_Of\_People from Emp group by location;

#show only those enteries whose total number of employees in a city are greater than 1;

select location,count(\*) as number\_Of\_city from Emp group by location having number\_of\_city>1;

select location,count(\*) as number\_of\_city from Emp having number\_of\_city>2 ;

select location,count(empId) from Emp group by location ;

select location from Emp having number\_of\_city>2 ;

#select \* from Emp having location='Jaipur';

#select \* from Emp where location='Jaipur';

select count(empId) as num,location from Emp group by location

order by num asc;

select \* from Emp where empId between 1 and 4;

select \* from Emp;

#Between command

select \* from Emp where dob between '1960-07-02' and '1999-09-07';

#select count(empId) from Emp where location='jaipur';

select \* from Emp where empId in (1,2,3,4) and location='jaipur';

select \* from Emp where empId in(select empId from Emp where location='jaipur');

select \* from Emp;

insert into Emp values(7,'x',34566,'1800-09-07','Baali');

#all those employess whose name has a and b

select \* from Emp where emp\_name like 's%e';

select \* from Emp where emp\_name like 'x\_%';

select \* from Emp where emp\_name like '\_\_h%';

describe Emp;

create table SALARY(SLNO INT PRIMARY KEY AUTO\_INCREMENT,EID INT NOT NULL,AMT FLOAT NOT NULL,

SALARY\_DATE DATE DEFAULT '2000-09-11');

SELECT \* FROM SALARY;

INSERT INTO SALARY(EID,AMT,SALARY\_DATE) VALUES(1,50000,'1800-04-11');

INSERT INTO SALARY(EID,AMT,SALARY\_DATE) VALUES(2,60000,'2022-05-11');

INSERT INTO SALARY(EID,AMT,SALARY\_DATE) VALUES(3,80000,'2000-01-11');

INSERT INTO SALARY(EID,AMT,SALARY\_DATE) VALUES(4,90000,'1900-04-11');

INSERT INTO SALARY(EID,AMT) VALUES(5,90000);

SELECT \* FROM SALARY;

SELECT \* FROM SALARY WHERE SALARY\_DATE <CURRENT\_DATE();

SELECT \* FROM SALARY WHERE SALARY\_DATE <CURRENT\_DATE();

SELECT e.emp\_name FROM Emp e where e.empId in(SELECT s.EID FROM SALARY s WHERE s.SALARY\_DATE <CURRENT\_DATE());

SELECT e.emp\_name FROM Emp e where e.empId in(SELECT s.EID FROM SALARY s WHERE s.AMT>20000);

SELECT count(e.location) as number\_of\_locations,e.location from Emp e where e.empId in (SELECT S.EID FROM SALARY S WHERE S.AMT>20000) group by e.location;

#DROP TABLE SALARY;