-- create a table

CREATE TABLE student (

student\_no INTEGER PRIMARY KEY,

student\_name varchar(255) NOT NULL,

class\_name varchar(255) NOT NULL

);

create table lab(

lab\_no integer,

match\_no integer primary key,

description varchar(255),

student\_no integer,

foreign key (student\_no) references student(student\_no)

);

create table class(

class\_name varchar(255) NOT NULL,

description varchar(255),

match\_no integer,

foreign key (match\_no) references lab(match\_no)

);

insert into student values

(1,"jai","CSIT");

insert into student values

(2,"ajay","CSIT");

insert into student values

(3,"sneha","ECE");

insert into lab values

(3,100,"hmm",1);

insert into lab values

(3,101,"hmm",2);

insert into lab values

(3,102,"hmm",3);

insert into class values

("CSIT","hmm",100);

insert into class values

("CSIT","hmm",101);

insert into class values

("ECE","hmm",102);

select \* from student;

select \* from class;

select \* from lab;

select distinct lab\_no from lab;

select distinct lab\_no from lab l,class c

where l.match\_no = c.match\_no

and c.class\_name="CSIT";

select student\_name from lab l ,student s

where l.student\_no=s.student\_no

and s.student\_name like "a%";