create attendance2;

use attendance2;

create table department(

dept\_id varchar(10),

dept\_name varchar(15),

courses varchar(7),

primary key (dept\_id,courses)

);

insert into department values ('3','CSE','CSN101'),('3','CSE','CSN102');

insert into department values ('3','CSE','CSN103'),('3','CSE','CSN104');

insert into department values ('3','CSE','CSN105'),('3','CSE','CSN106');

insert into department values ('4','ECE','ESC101'),('4','ECE','ESC102');

insert into department values ('4','ECE','ESC103'),('4','ECE','ESC104');

insert into department values ('4','ECE','ESC105'),('4','ECE','ESC106');

select distinct dept\_name from department;

**\*\*\*\*\*\*\*\*\*\*\*\*\*hit enter\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***

create table teacher\_course(

TID varchar(10),

Course\_ID varchar(7),

CID varchar(10),

primary key(TID,Course\_ID,CID),

foreign key fk1 (Course\_ID) references department(courses)

);

insert into teacher\_course values ('301','CSN101','CSE16A1'),('301','CSN101','CSE16B4');

insert into teacher\_course values ('301','CSN101','CSE16A2'),('301','CSN101','CSE16B5');

insert into teacher\_course values ('301','CSN101','CSE16A3'),('301','CSN101','CSE16B6');

insert into teacher\_course values ('302','CSN102','CSE16A1'),('311','CSN102','CSE16B4');

insert into teacher\_course values ('302','CSN102','CSE16A2'),('311','CSN102','CSE16B5');

insert into teacher\_course values ('302','CSN102','CSE16A3'),('311','CSN102','CSE16B6');

insert into teacher\_course values ('312','CSN103','CSE16A1'),('304','CSN103','CSE16B4');

insert into teacher\_course values ('312','CSN103','CSE16A2'),('304','CSN103','CSE16B5');

insert into teacher\_course values ('312','CSN103','CSE16A3'),('304','CSN103','CSE16B6');

insert into teacher\_course values ('309','CSN104','CSE16A1'),('306','CSN104','CSE16B3');

insert into teacher\_course values ('309','CSN104','CSE16A2'),('306','CSN104','CSE16B5');

insert into teacher\_course values ('309','CSN104','CSE16A3'),('306','CSN104','CSE16B6');

insert into teacher\_course values ('310','CSN105','CSE16A1'),('307','CSN105','CSE16B4');

insert into teacher\_course values ('310','CSN105','CSE16A2'),('307','CSN105','CSE16B5');

insert into teacher\_course values ('310','CSN105','CSE16A3'),('307','CSN105','CSE16B6');

insert into teacher\_course values ('303','CSN106','CSE16A1'),('313','CSN106','CSE16B4');

insert into teacher\_course values ('303','CSN106','CSE16A2'),('313','CSN106','CSE16B5');

insert into teacher\_course values ('303','CSN106','CSE16A3'),('313','CSN106','CSE16B6');

insert into teacher\_course values ('409','ESC101','ECE16A1'),('405','ESC101','ECE16B4');

insert into teacher\_course values ('409','ESC101','ECE16A2'),('405','ESC101','ECE16B5');

insert into teacher\_course values ('409','ESC101','ECE16A3'),('405','ESC101','ECE16B6');

insert into teacher\_course values ('401','ESC102','ECE16A1'),('402','ESC102','ECE16B4');

insert into teacher\_course values ('401','ESC102','ECE16A2'),('402','ESC102','ECE16B5');

insert into teacher\_course values ('401','ESC102','ECE16A3'),('402','ESC102','ECE16B6');

insert into teacher\_course values ('404','ESC103','ECE16A1'),('412','ESC103','ECE16B4');

insert into teacher\_course values ('404','ESC103','ECE16A2'),('412','ESC103','ECE16B5');

insert into teacher\_course values ('404','ESC103','ECE16A3'),('412','ESC103','ECE16B6');

insert into teacher\_course values ('403','ESC104','ECE16A1'),('410','ESC104','ECE16B4');

insert into teacher\_course values ('403','ESC104','ECE16A2'),('410','ESC104','ECE16B5');

insert into teacher\_course values ('403','ESC104','ECE16A3'),('410','ESC104','ECE16B6');

insert into teacher\_course values ('407','ESC105','ECE16A1'),('406','ESC105','ECE16B4');

insert into teacher\_course values ('407','ESC105','ECE16A2'),('406','ESC105','ECE16B5');

insert into teacher\_course values ('407','ESC105','ECE16A3'),('406','ESC105','ECE16B6');

insert into teacher\_course values ('408','ESC106','ECE16A1'),('411','ESC106','ECE16B4');

insert into teacher\_course values ('408','ESC106','ECE16A2'),('411','ESC106','ECE16B5');

insert into teacher\_course values ('408','ESC106','ECE16A3'),('411','ESC106','ECE16B6');

**\*\*\*\*\*\*\*\*\*\*\*\*\*hit enter\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***

create table teacher(

TID varchar(10),

Tname varchar(30),

dept\_id varchar(10),

password varchar(20),

email\_id varchar(40),

primary key (TID),

foreign key fk2 (dept\_id) references department(dept\_id)

);

insert into teacher values('301','Manavjeet Kaur','3','manav','mavanjeet@pec.edu.in'),('302','Padmavati','3','padmavati','padmavati@pec.edu.in');

insert into teacher values('311','Rajesh Bhatia','3','rajesh','rajesh@pec.edu.in'),('304','Divya','3','divya','divya@pec.edu.in');

insert into teacher values('312','Sanjeev Sofat','3','sanjeev','sanjeev@pec.edu.in'),('309','Alka Jindal','3','alka','alka@pec.edu.in');

into teacher values('306','Sandeep Harit','3','sandeep','sandeep@pec.edu.in'),('310','Sudesh Rani','3','sudesh','sudesh@pec.edu.in');

insert into teacher values('307','Rupali Syal','3','rupali','rupali@pec.edu.in'),('303','Anoop Dobhal','3','anoop','anoop@pec.edu.in');

insert into teacher values('307','Megha Sharma','3','megha','megha@pec.edu.in');

insert into teacher values('409','Amita Soni','4','amita','amita@pec.edu.in'),('405','Anshul Kumar','4','anshul','anshul@pec.edu.in');

insert into teacher values('401','Arun Kumar','4','arun','arun@pec.edu.in'),('402','Bipan Kaushal','4','bipan','bipan@pec.edu.in');

insert into teacher values('404','Jasbir Kaur','4','jasbir','jasbir@pec.edu.in'),('412','Jyoti Kedia','4','jyoti','jyoti@pec.edu.in');

insert into teacher values('403','Nagendra Shah','4','nagendra','nagendra@pec.edu.in'),('410','Neelam Rup Prakash','4','neelam','neelam@pec.edu.in');

insert into teacher values('407','Neelu Jain','4','neelu','neelu@pec.edu.in'),('406','Neena Gupta','4','neena','neena@pec.edu.in');

insert into teacher values('408','Rita Mahajan','4','rita','rita@pec.edu.in'),('411','Sukhwinder Singh','4','sukhwinder','sukhwinder@pec.edu.in');

**\*\*\*\*\*\*\*\*\*\*\*\*\*hit enter\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***

create table CSE16A1\_CSN101(

SID varchar(10),

primary key (SID) );

insert into CSE16A1\_CSN101 values(16103019);

**\*\*\*\*\*\*\*\*\*\*\*\*\*hit enter\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***

create table student(  
  
    Sname varchar(30) not null,  
  
    SID varchar(10),  
  
    courses\_enrolled varchar(7),  
  
    class\_id varchar(10),  
  
    primary key (SID,courses\_enrolled),  
  
    FOREIGN KEY fk5 (courses\_enrolled) references department(courses),  
  
    FOREIGN KEY fk6 (class\_id) references teacher\_course(CID)  
    );  
  
insert into student values ('Krittika','16103035','CSN101','CSE16A2');  
insert into student values ('Muskan Garg','16103019','CSN101','CSE16A1');  
insert into student values ('Krittika','16103035','CSN102','CSE16A2');  
insert into student values ('Krittika','16103035','CSN103','CSE16A2');  
insert into student values ('Krittika','16103035','CSN104','CSE16A2');  
insert into student values ('Krittika','16103035','CSN105','CSE16A2');  
insert into student values ('Krittika','16103035','CSN106','CSE16A2');  
insert into student values ('Muskan Garg','16103019','CSN102','CSE16A1');  
insert into student values ('Muskan Garg','16103019','CSN103','CSE16A1');  
insert into student values ('Muskan Garg','16103019','CSN104','CSE16A1');  
insert into student values ('Muskan Garg','16103019','CSN105','CSE16A1');  
insert into student values ('Muskan Garg','16103019','CSN106','CSE16A1');  
insert into student values ('Vaibhav Setia','16103069','CSN101','CSE16B4');  
insert into student values ('Vaibhav Setia','16103069','CSN102','CSE16B4');  
insert into student values ('Vaibhav Setia','16103069','CSN103','CSE16B4');  
insert into student values ('Vaibhav Setia','16103069','CSN104','CSE16B4');  
insert into student values ('Vaibhav Setia','16103069','CSN105','CSE16B4');  
insert into student values ('Vaibhav Setia','16103069','CSN106','CSE16B4');  
insert into student values ('Rahul Goyal','16105029','ESC101','ECE16A2');  
insert into student values ('Rahul Goyal','16105029','ESC102','ECE16A2');  
insert into student values ('Rahul Goyal','16105029','ESC103','ECE16A2');  
insert into student values ('Rahul Goyal','16105029','ESC104','ECE16A2');  
insert into student values ('Rahul Goyal','16105029','ESC105','ECE16A2');  
insert into student values ('Rahul Goyal','16105029','ESC106','ECE16A2');