Database

CREATE TABLE Student (

Studentid int NOT NULL AUTO\_INCREMENT,

StudentName varchar(255),

Age int,

PRIMARY KEY (Studentid)

);

insert into Student(StudentName,Age)values('virat',27);

insert into Student(StudentName,Age)values('dhoni',29);

insert into Student(StudentName,Age)values('virat',27);

insert into Student(StudentName,Age)values('rohit',28);

select \*from Student;

CREATE TABLE Teacher (

Teacherid int NOT NULL AUTO\_INCREMENT,

TeacherName varchar(255),

PRIMARY KEY (Teacherid)

);

insert into Teacher(TeacherName)values('subramanyya');

insert into Teacher(TeacherName)values('basavaraj');

insert into Teacher(TeacherName)values('devaraj');

insert into Teacher(TeacherName)values('rama');

select \* from Teacher;

CREATE TABLE Subject (

Subjectid int NOT NULL AUTO\_INCREMENT,

SubjectName varchar(255),

PRIMARY KEY (Subjectid)

);

insert into Subject(SubjectName)values('english');

insert into Subject(SubjectName)values('mathematics');

insert into Subject(SubjectName)values('science');

insert into Subject(SubjectName)values('social');

select \* from Subject;

CREATE TABLE Classes(

Classid int NOT NULL AUTO\_INCREMENT,

ClassName varchar(255),

PRIMARY KEY (Classid)

);

insert into Classes(ClassName)values('2nd standard');

insert into Classes(ClassName)values('4th standard');

insert into Classes(ClassName)values('5th standard');

insert into Classes(ClassName)values('6th standard');

select \* from Classes;

CREATE TABLE SubjectClasses(

subjectclassid int NOT NULL AUTO\_INCREMENT,

ClassName varchar(255),

PRIMARY KEY (Classid)

);

ALTER TABLE `Classes`

DROP FOREIGN KEY Subjectid;

drop table classes;

CREATE TABLE Subject\_Classes(

subClassid int NOT NULL AUTO\_INCREMENT,

Classid int not null,

ClassName varchar(255),

Subjectid int not null,

SubjectName varchar(255),

primary key (subClassid),

FOREIGN KEY (Subjectid) REFERENCES Subject(Subjectid),

FOREIGN KEY (Classid) REFERENCES Classes(Classid)

);

insert into Subject\_Classes(Classid,ClassName,Subjectid,SubjectName)

values(2,'5th Standard',1,'english');

insert into Subject\_Classes(Classid,ClassName,Subjectid,SubjectName)

values(2,'5th Standard',4,'socialscience');

select \*from Subject\_Classes;

show tables;

commit;

CREATE TABLE teacher\_Subject\_Classes(

id int NOT NULL AUTO\_INCREMENT,

Classid int not null,

ClassName varchar(255),

Subjectid int not null,

SubjectName varchar(255),

Teacherid int not null,

TeacherName varchar(255),

primary key (id),

FOREIGN KEY (Subjectid) REFERENCES Subject(Subjectid),

FOREIGN KEY (Classid) REFERENCES Classes(Classid),

FOREIGN KEY (Teacherid) REFERENCES Teacher(Teacherid)

);

insert into teacher\_Subject\_Classes(Classid,ClassName,Subjectid,SubjectName,Teacherid,TeacherName)

values(1,'2nd Standard',1,'english',1,'subramanyya');

insert into teacher\_Subject\_Classes(Classid,ClassName,Subjectid,SubjectName,Teacherid,TeacherName)

values(2,'4th Standard',2,'mathematics',2,'basavaraj');

insert into teacher\_Subject\_Classes(Classid,ClassName,Subjectid,SubjectName,Teacherid,TeacherName)

values(2,'4th Standard',3,'science',3,'devaraj');

insert into teacher\_Subject\_Classes(Classid,ClassName,Subjectid,SubjectName,Teacherid,TeacherName)

values(3,'5th Standard',4,'socialscience',4,'rama');

insert into teacher\_Subject\_Classes(Classid,ClassName,Subjectid,SubjectName,Teacherid,TeacherName)

values(3,'5th Standard',1,'english',1,'subramanyya');

insert into teacher\_Subject\_Classes(Classid,ClassName,Subjectid,SubjectName,Teacherid,TeacherName)

values(1,'2nd Standard',1,'english',1,'subramanyya');

insert into teacher\_Subject\_Classes(Classid,ClassName,Subjectid,SubjectName,Teacherid,TeacherName)

values(1,'2nd Standard',1,'english',1,'subramanyya');

insert into teacher\_Subject\_Classes(Classid,ClassName,Subjectid,SubjectName,Teacherid,TeacherName)

values(1,'2nd Standard',1,'english',1,'subramanyya');

select \* from teacher\_Subject\_Classes;