SQL CODE

create database db9;

use db9;

Create Table Student(

id int PRIMARY KEY,

sname varchar(255),

sage int,

sclass int);

desc Student;

insert into Student values(1,"Santhi",11,6);

insert into Student values(2,"Rekha",10,5);

insert into Student values(3,"Vasu",9,4);

insert into Student values(4,"Harini",12,7);

insert into Student values(5,"Pavan",13,8);

insert into Student values(6,"Santosh",14,9);

insert into Student values(7,"Pinky",15,10);

insert into Student values(8,"Chintu",14,10);

Alter table Student add Key class\_id (sclass);

select \* from Student;

desc Student;

create Table Subjects(

id int primary key,

subname varchar(255));

desc Subjects;

insert into Subjects values(1,"MATH");

insert into Subjects values(2,"ENG");

insert into Subjects values(3,"SCI");

insert into Subjects values(4,"HINDI");

create table Teachers(

id int primary key,

name varchar(255),

age int);

insert into Teachers values(1, "Ramakrishna", 35);

insert into Teachers values(2, "Haritha", 30);

insert into Teachers values(3, "Sridevi", 28);

insert into Teachers values(4, "Sravya", 30);

insert into Teachers values(5, "John", 35);

insert into Teachers values(6, "AbdulKhan", 38);

insert into Teachers values(7, "Mary", 30);

insert into Teachers values(8, "Saritha", 32);

select \* from Teachers;

create table Classes(

id int primary key,

section int,

teacher varchar(255) ,

subject varchar(255),

time varchar(255),

foreign key (section) references Student(sclass));

alter table Classes add constraint fk\_section foreign key(section) references Student(sclass);

select \* from classes;

#foreign key (teacher\_id) references Teachers(id),

#foreign key (subject\_id) references Subjects(id)

desc Classes;

insert into Classes values(1,6,"Ramakrishna","MATH",'9:00');

insert into Classes values(2,5,"Haritha","SCI",'10:00');

insert into Classes values(3,4,"Sridevi","HINDI",'11:00');

insert into Classes values(4,7,"Sravya","ENG",'9:00');

insert into Classes values(5,8,"John","ENG",'10:00');

insert into Classes values(6,9,"Ramakrishna","MATH",'9:00');

insert into Classes values(7,10,"Mary","SCI",'11:00');

insert into Classes values(8,10,"Saritha","HINDI",'10:00');

select \* from Classes;

#Select \* from Student right outer join Classes on Student.sclass=Classes.section;