**SCHOOL MANAGEMENT SYSTEM**

create database school\_managment\_system;

use school\_managment\_system;

create table Students(

student\_id varchar (11) primary key not null,

first\_name varchar(30) default null,

last\_name varchar(30) default null,

official\_email varchar(30) default null,

personal\_email varchar(30) default null,

roll\_number int (11) default null,

date\_of\_birth date default null,

phone\_number int (20) default null,

parent\_firstname varchar(30) default null,

parent\_lastname varchar(30) default null,

parent\_phone\_no int(20) default null,

date\_of\_joining date default null,

parent\_occupation varchar(30) default null,

gender varchar (30) default null,

cnin varchar(30) default null,

age int(11) default null

);

create table School\_staff(

staff\_id varchar (11) primary key not null,

first\_name varchar(30) default null,

last\_name varchar(30) default null,

date\_of\_birth date default null,

age int(11) default null,

official\_email varchar(30) default null,

personal\_email varchar(30) default null,

phone\_number int (20) default null,

date\_of\_joining date default null,

gender varchar (30) default null,

cnin varchar(30) default null,

qualification varchar(30) default null,

previous\_employment varchar(30) default null,

salary int (20) default null,

bonus int (20) default null

);

create table course(

course\_id varchar (11)not null,

course\_name varchar(11) not null,

primary key(course\_id,course\_name),

description varchar(30) default null

);

create table Fee(

fee\_id varchar (11) primary key not null,

student\_id varchar (11) not null,

fine int (11) default null,

tax int(11) default null,

monthly\_fee int (20) default null,

disscount int (11) default null,

extra\_charges int (20) default null,

sibling\_disscount int (20) default null

);

create table Student\_Timetable(

timetable\_id varchar (11) primary key not null,

student\_id varchar (11) not null,

course\_id varchar (11) not null,

venue int (20) default null,

rome\_no int (11) default null,

time time default null

);

create table teacher\_Timetable(

timetable\_id varchar (11) primary key not null,

teacher\_id varchar (11) not null,

course\_id varchar (11) not null,

venue int (20) default null,

rome\_no int (11) default null,

time time default null

);

create table students\_grades(

grade\_id varchar(11) primary key not null,

student\_id varchar (11) not null,

Assignment\_score int (11) default null,

quizzez\_score int (11) default null,

midterm\_score int (11) default null,

finalterm\_score int (11) default null,

grade varchar (11) default null

);

create table student\_class(

student\_class\_id varchar (11) primary key not null,

student\_id varchar (11) not null,

new\_roll\_no int(11) default null

);

create table Address(

id varchar (11) primary key not null,

house\_no int (11) default null,

street\_no int (11) default null,

city varchar (20) default null

);

create table Address\_student(

Aid varchar(11) not null,

Sid varchar (11) not null,

primary key(Aid,Sid)

);

create table Address\_staff(

Aid varchar(11) not null,

STid varchar (11) not null,

primary key(Aid,STid)

);

alter table Address\_student add constraint foreign key (Aid) references Address(id);

alter table Address\_student add constraint foreign key (Sid) references Students(student\_id);

alter table Address\_staff add constraint foreign key (Aid) references Address(id);

alter table Address\_staff add constraint foreign key (STid) references School\_staff(staff\_id);

alter table Fee add constraint foreign key (student\_id) references Students(student\_id);

alter table Student\_Timetable add constraint foreign key (student\_id) references Students(student\_id);

alter table Student\_Timetable add constraint foreign key (course\_id) references course(course\_id);

alter table teacher\_Timetable add constraint foreign key (course\_id) references course(course\_id);

alter table students\_grades add constraint foreign key (student\_id) references Students(student\_id);

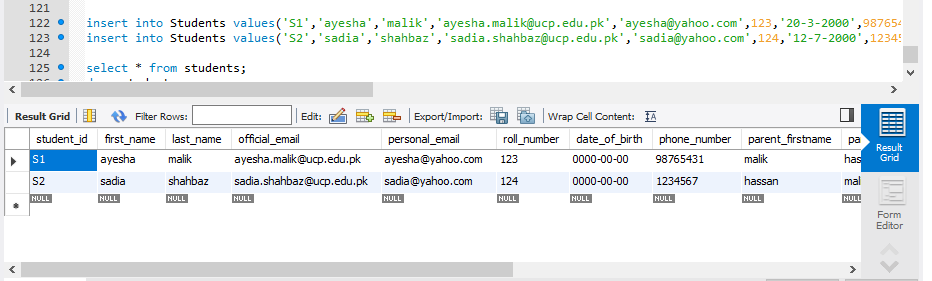
alter table student\_class add constraint foreign key (student\_id) references Students(student\_id);

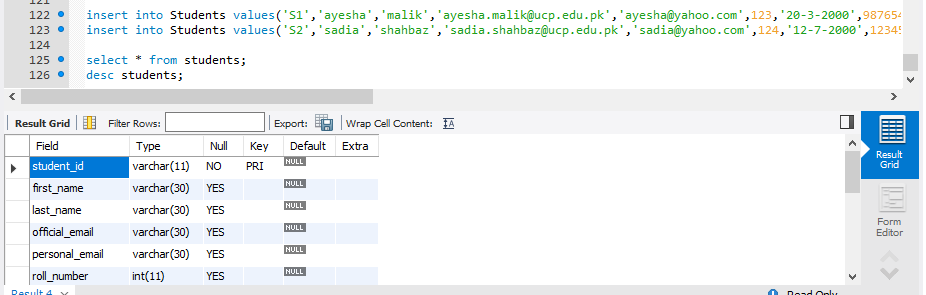
insert into Students values('S1','ayesha','malik','ayesha.malik@ucp.edu.pk','ayesha@yahoo.com',123,'20-3-2000',98765431,'malik','hassan',090078601,'12-9-2005','business','F','35202-7654-1',20);

insert into Students values('S2','sadia','shahbaz','sadia.shahbaz@ucp.edu.pk','sadia@yahoo.com',124,'12-7-2000',1234567,'hassan','malik',090078602,'9-8-2004','business','F','35202-6543-1',20);

select \* from students;

desc students;



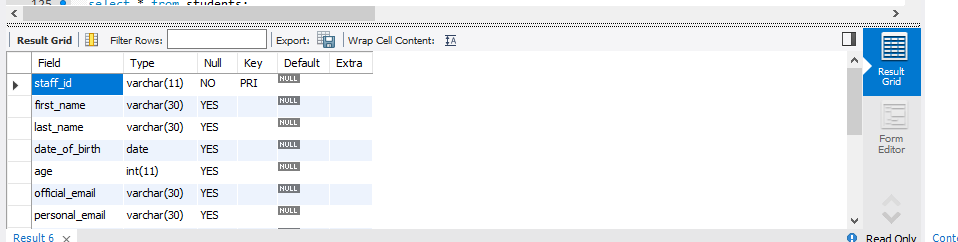
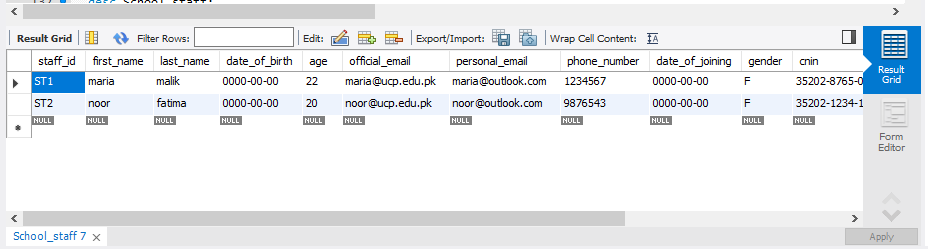


insert into School\_staff values('ST1','maria','malik','12-6-1999',22,'maria@ucp.edu.pk','maria@outlook.com',1234567,'12-3-2008','F','35202-8765-0','masters','punjab school',20000,350);

insert into School\_staff values('ST2','noor','fatima','23-6-1998',20,'noor@ucp.edu.pk','noor@outlook.com',9876543,'2-3-2009','F','35202-1234-1','masters','punjab school',10000,200);

select \* from School\_staff;

desc School\_staff;

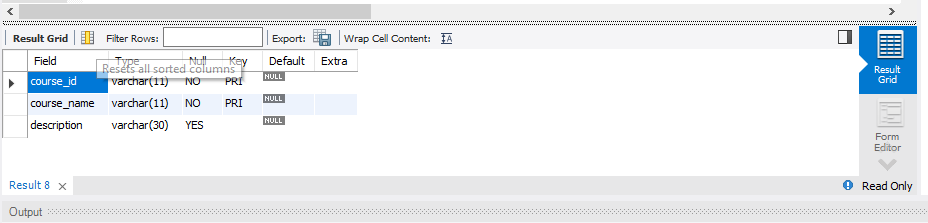
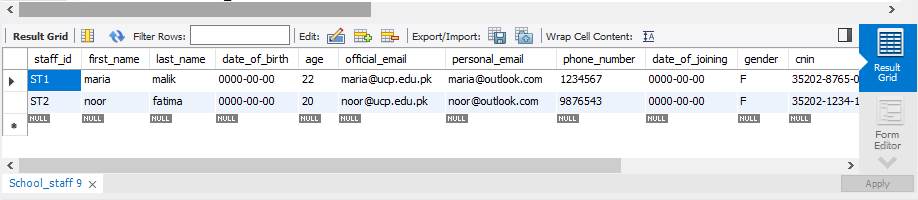
 

insert into course values('C1','ooad','it is for programming');

insert into course values('C2','db','it is for programming');

select \* from course;

desc cours

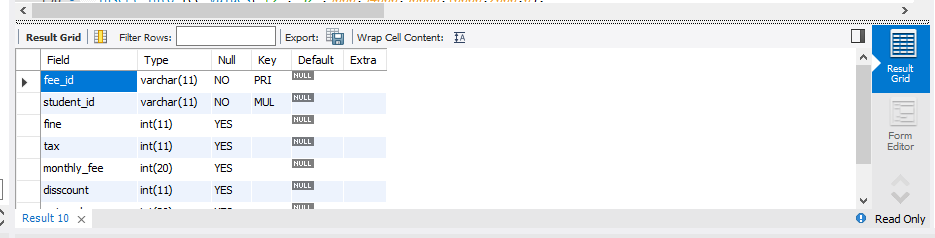
 

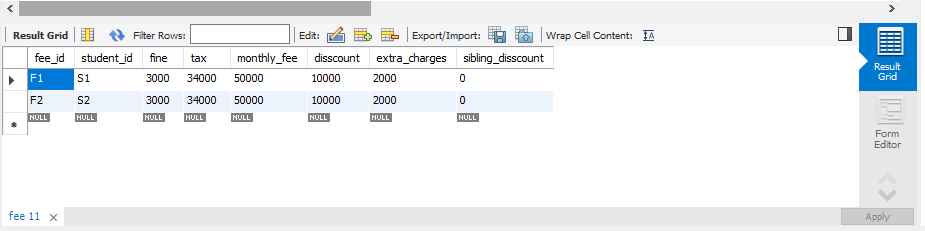
insert into fee values('F1','S1',3000,34000,50000,10000,2000,0);

insert into fee values('F2','S2',3000,34000,50000,10000,2000,0);

select \* from fee;

desc fee;



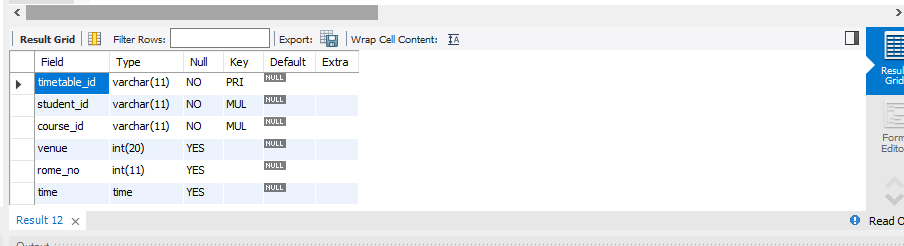


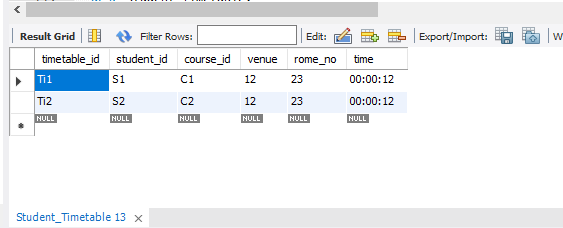
insert into Student\_Timetable values('Ti1','S1','C1',12,23,12.50);

insert into Student\_Timetable values('Ti2','S2','C2',12,23,12.50);

select \* from Student\_Timetable;

desc Student\_Timetable;



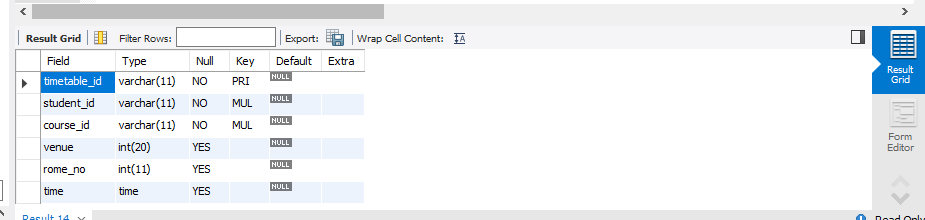


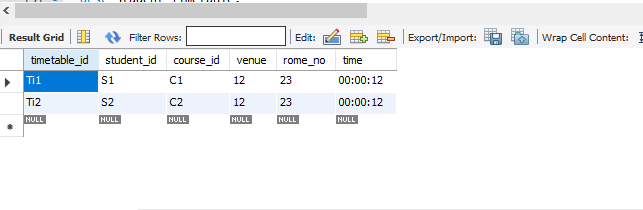
insert into teacher\_Timetable values('Te1','ST1','C1',12,23,12.50);

insert into teacher\_Timetable values('Te2','ST2','C2',12,23,12.50);

select \* from Student\_Timetable;

desc Student\_Timetable;



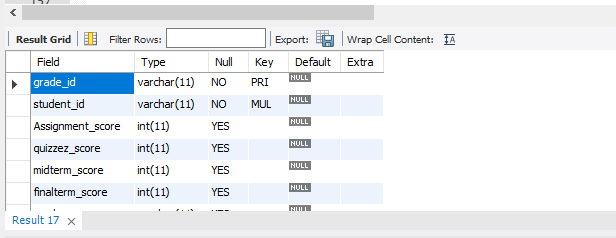


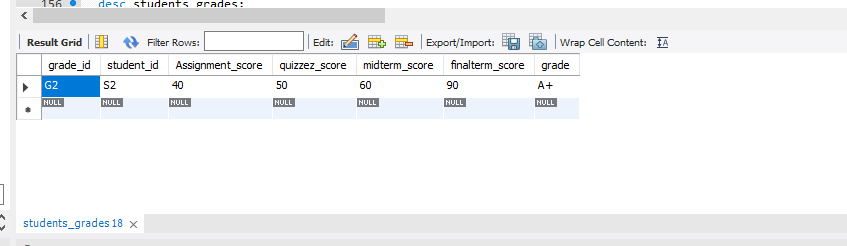
insert into students\_grades values('G1','S1',40,50,60,79,'A');

insert into students\_grades values('G2','S2',40,50,60,90,'A+');

select \* from students\_grades;

desc students\_grades;



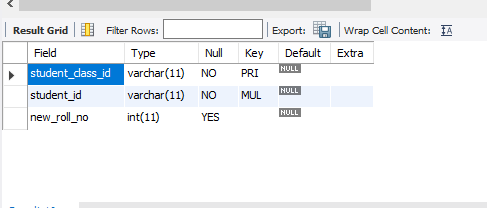


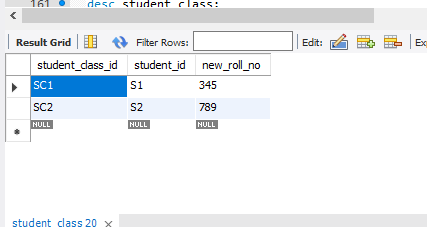
insert into student\_class values('SC1','S1',345);

insert into student\_class values('SC2','S2',789);

select \* from student\_class;

desc student\_class;



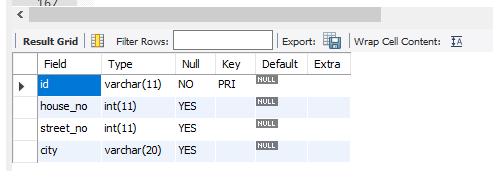


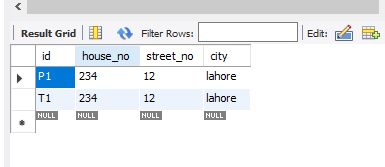
insert into Address values('T1',234,12,'lahore');

insert into Address values('P1',234,12,'lahore');

select \* from Address;

desc Address;



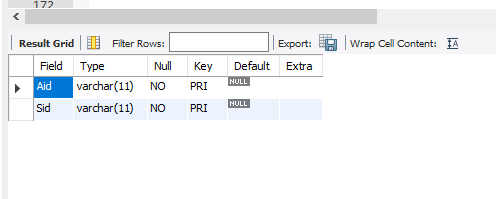


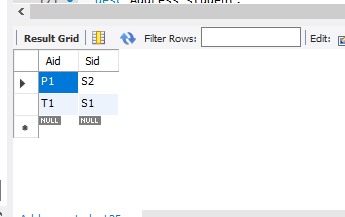
insert into Address\_student values('T1','S1');

insert into Address\_student values('P1','S2');

select \* from Address\_student;

desc Address\_student;





insert into Address\_staff values('T1','ST1');

insert into Address\_staff values('P1','ST2');

select \* from Address\_staff;

desc Address\_staff;

