commands 👍

1. Insert new student and his score in exam in different subjects as transaction and save it.

iti=# begin;

iti=\*# insert into studentcourseexam values(6,2,100,now());

iti=\*# insert into studentcourseexam values(6,4,80,now());

iti=\*# insert into studentcourseexam values(6,5,90,now());

iti=\*# commit;

2- Insert new students and his score in exam in different subjects as transaction and undo it.

iti=# begin;

iti=\*# insert into studentcourseexam values(3,4,100,now());

iti=\*# rollback;

iti=# commit;

3- Create a view for student names with their Tracks names which is belong to it.

iti=# create view student\_course as select first\_name,last\_name,name from track t inner join students s on t.id =s.trackid;

4. Create a view for Tracks names and the subjects which is belong/study to it.

iti=# create view track\_corses as select t.name,c.name subject from track t inner join trackcourse tc on t.id =tc.trackid inner join courses c on tc.crsid = c.id;

5. Create a view for student names with their subject's names which will study.

iti=# create view student\_subjects as select first\_name,name from courses c inner join studentcourseexam ex on c.id = ex.crsid inner join students s on ex.stdid =s.id;

6. Create a view for all students name (Full Name) with their score in each subject and its date.

iti=# create view student\_scores as select concat(first\_name,' ',last\_name) fullName,score,date from courses c inner join studentcourseexam ex on c.id = ex.crsid inner join students s on ex.stdid =s.id;

7. Create a temporary view for all subjects with their max\_score.

iti=# create temporary view subjects\_maxscore as select name,maxscore from courses;

8- Create user and give him all privileges.

iti=# create user Zien with password ‘1234567890’;

iti=# grant all on students to Zien;

10.(from Q.6) Display the date of exam as the following: day 'month name' year.

iti=# select to\_char(date,'DD-mon-yyyy') as date from student\_scores;

11.Display name and age of each students.

iti=# select concat(first\_name,' ',last\_name) ,age(birth\_date) from students;

12.Display the name of students with their Rounded score in each subject.

iti=# select fullname,round(score) from student\_scores;

13.Display the name of students with the year of Birthdate.

iti=# select concat(first\_name,' ',last\_name) full\_name ,to\_char(birth\_date,'yyyy') as year\_of\_birth from students;

14.Add new exam result, in date column use NOW() function;

iti=# insert into studentcourseexam values (3,2,100,now());

15.Create database called ITI, and create different schema and Tables inside this

schema.

it=# create database ITI;

it=# create schema iti\_courses\_schema;

it=# create schema iti\_instructors\_schema;

it=# create table iti\_instructors\_schema.instructors(

id int,

name text,

age int,

address text

);

it=# create table iti\_courses\_schema.courses(

id int,

name text,

maxscore int,

);