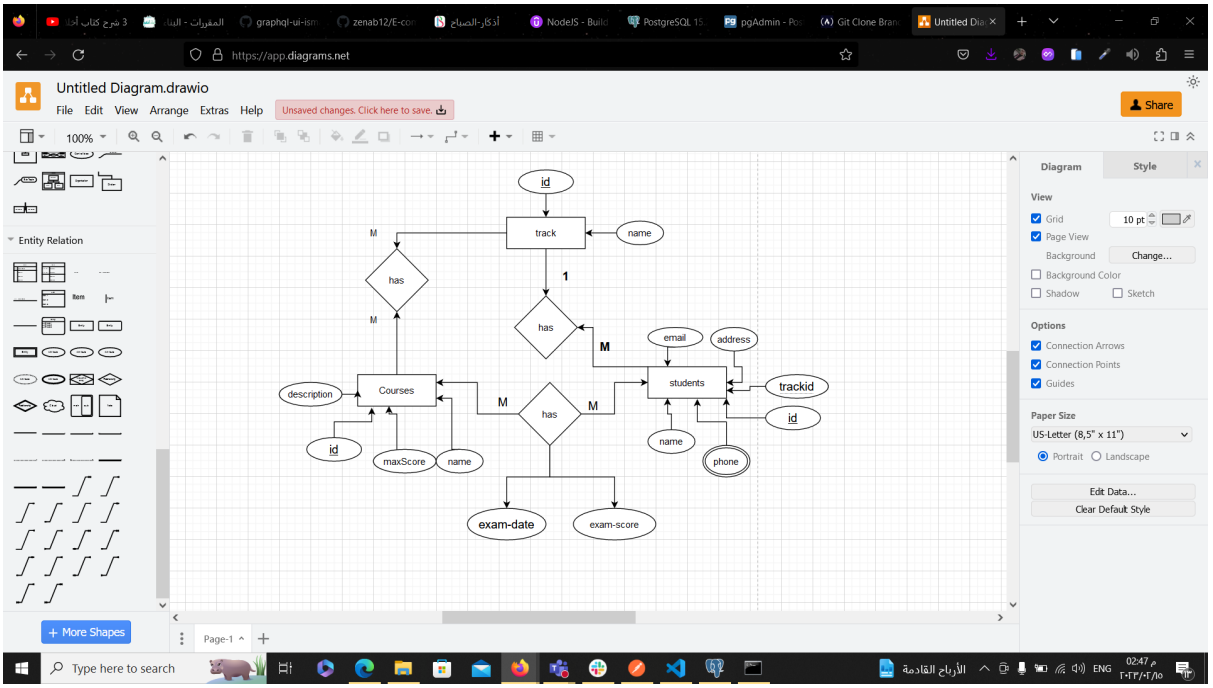
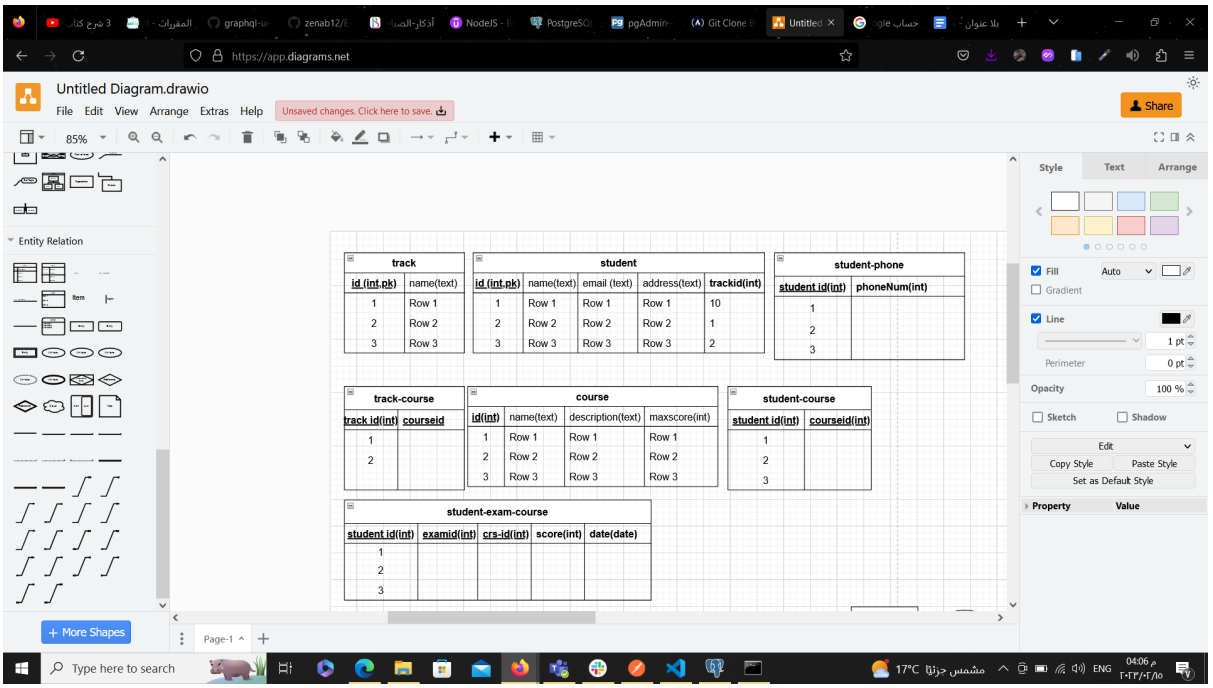
ERD Diagram

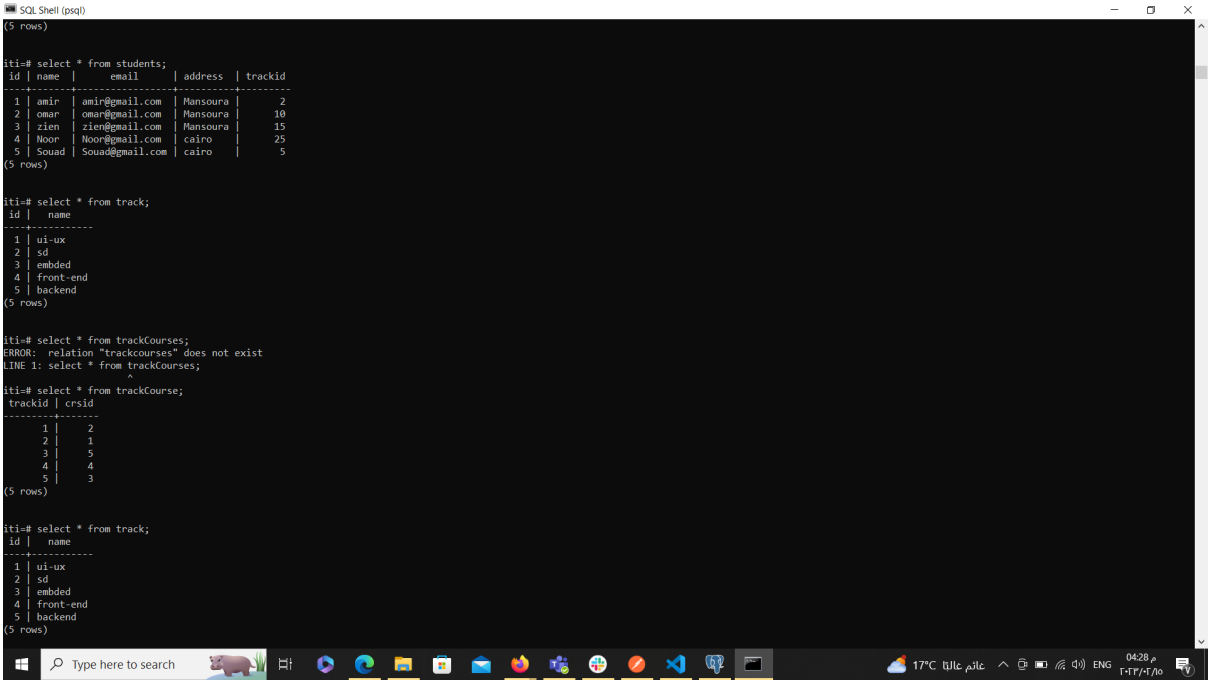


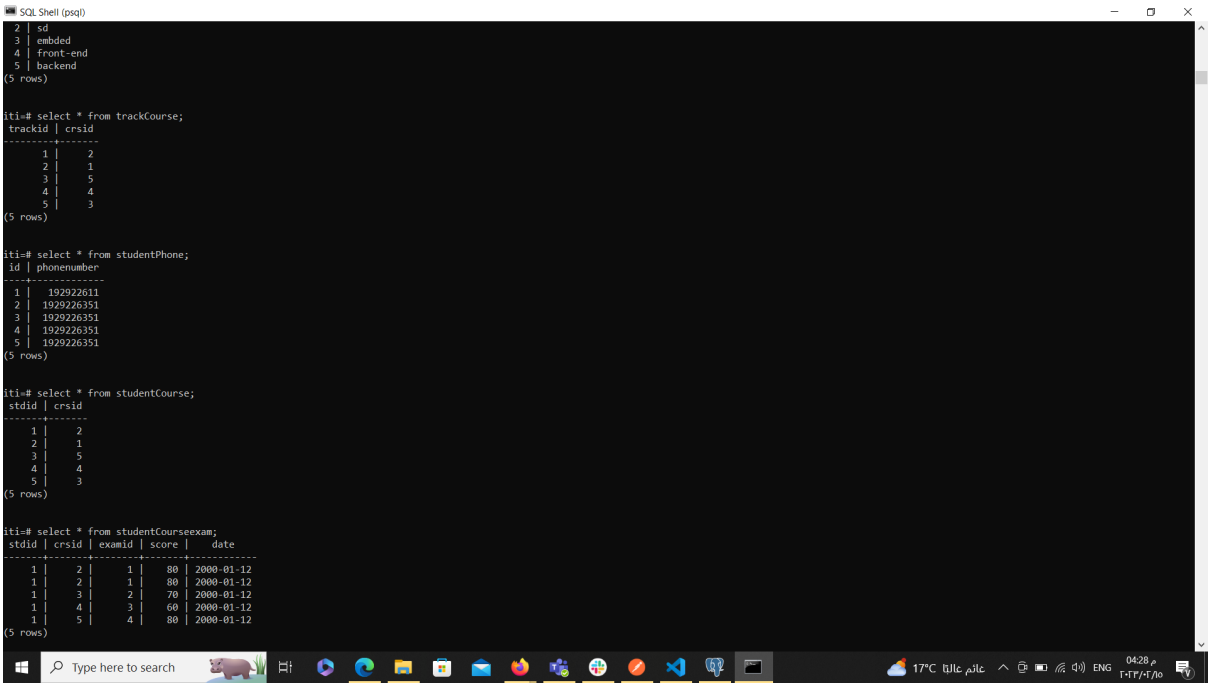
Mapping ERD



Commands

- create database iti;
- \c iti
- create table students(id int,name text,email text,address text,trackid int);
- create table courses(id int,name text,description text,maxscore int);
- create table track(id int,name text);
- create table trackCourse (trackid int,crsid int);
- create table studentPhone(id int,phonenumber int);
- create table studentCourse(stdid int,crsid int);
- create table studentCourseexam(stdid int,crsid int,examid int,score int ,date date);
- insert INTO students values (1,'amir','amir@gmail.com','Mansoura',2),(2,'omar','omar@gmail.com','Mansoura',10),(3,'zien','zien@gmail.com','Mansoura',15),(4,'Noor','Noor@gmail.com','cairo',25),(5,'Souad','Souad@gmail.com','cairo',5);
- insert INTO courses values (1,'c++','c++ course',100),(2,'c++','c++ course',100),(3,'c++','c++ course',100),(4,'c++','c++ course',100),(5,'c++','c++ course',100);
- insert INTO track values (1,'ui-ux'),(2,'sd'),(3,'embded'),(4,'front-end'),(5,'backend');
- insert INTO studentPhone values (1,0192922611),(2,01929226351),(3,01929226351),(4,01929226351),(5,01929226351);
- insert INTO studentCourse values (1,2),(2,1),(3,5),(4,4),(5,3);
- insert INTO studentCourseexam values (1,2,1,80,'12/1/2000'),(1,3,2,70,'12/1/2000'),(1,4,3,60,'12/1/2000'),(1,5,4,80,'12/1/2000');
- insert INTO trackCourse values (1,2),(2,1),(3,5),(4,4),(5,3);





What is NOSQL ?

NoSQL, also referred to as “not only SQL”, “non-SQL”, is an approach to database design that enables the storage and querying of data outside the traditional structures found in relational databases.