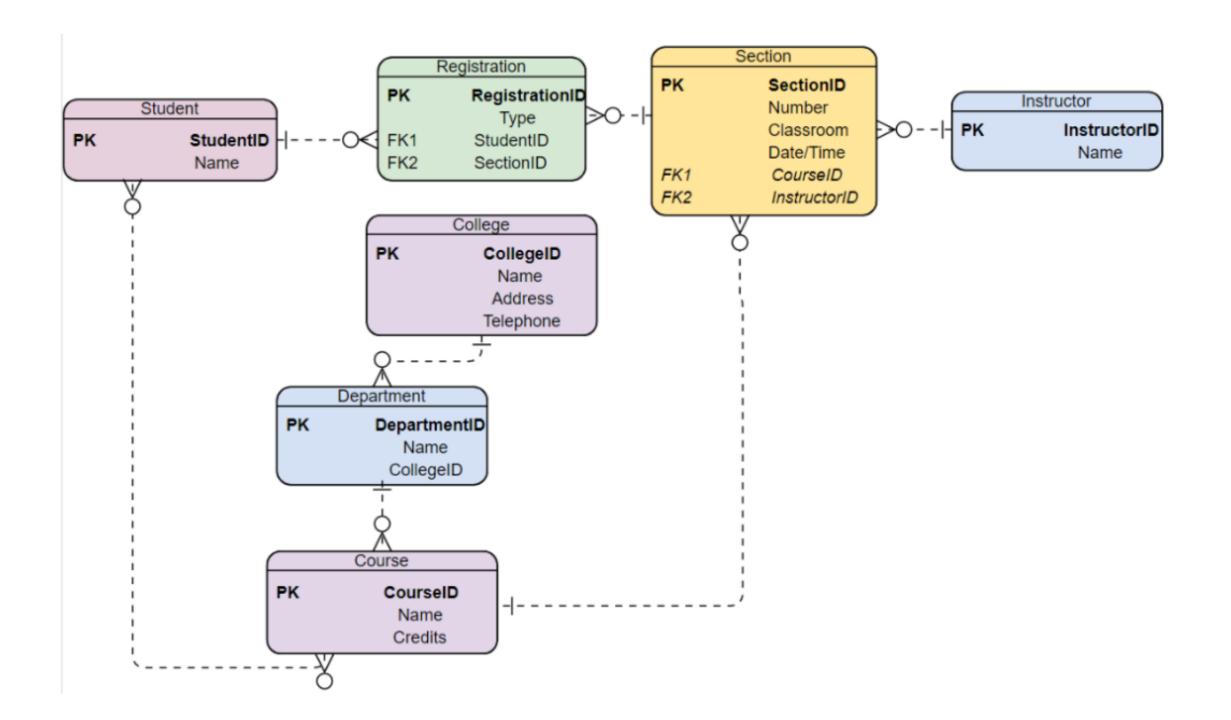
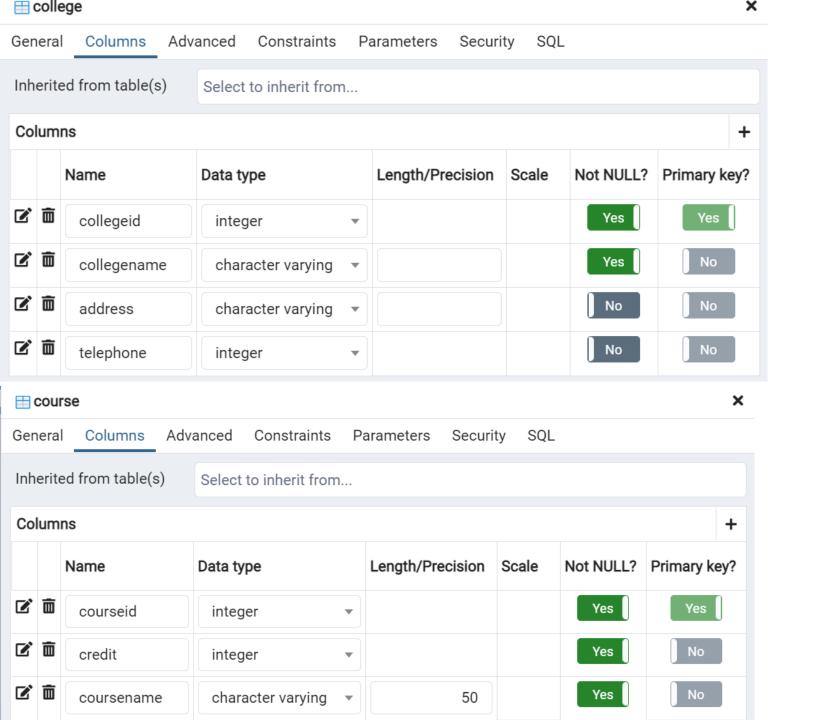
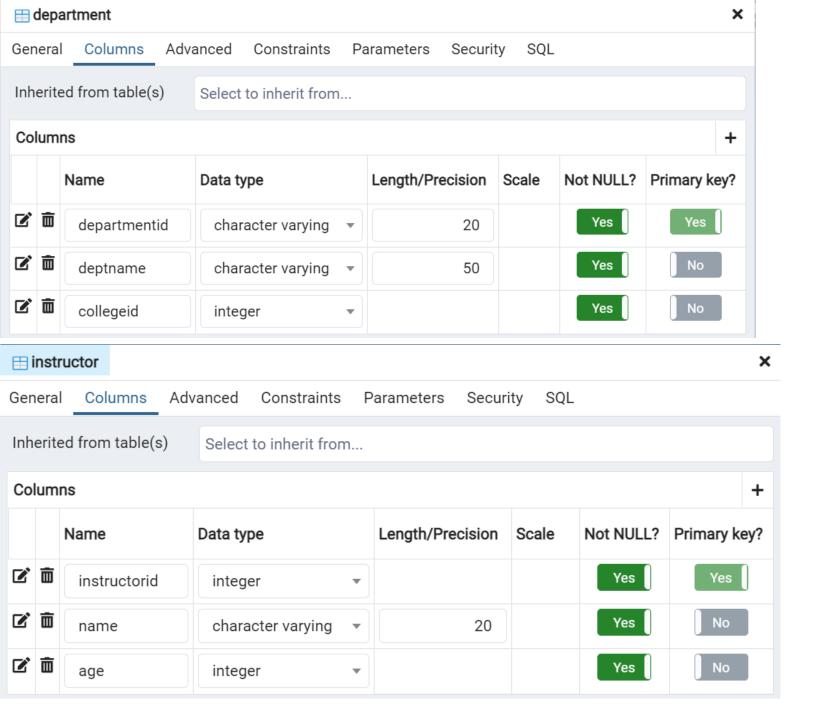
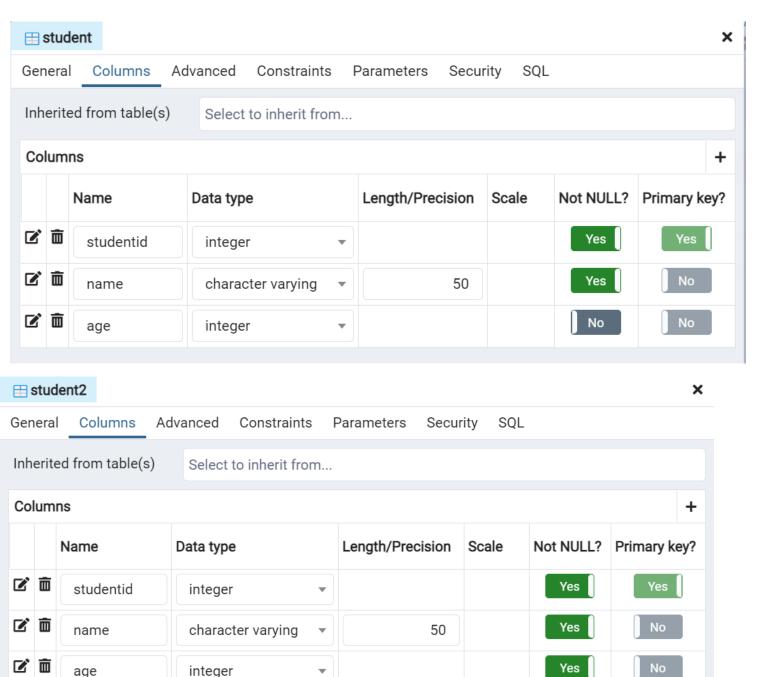
## course registration database.

Shansi Dong A20466369





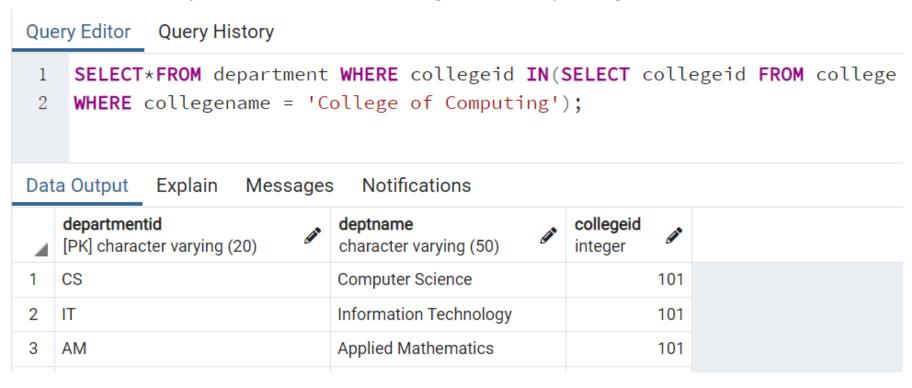




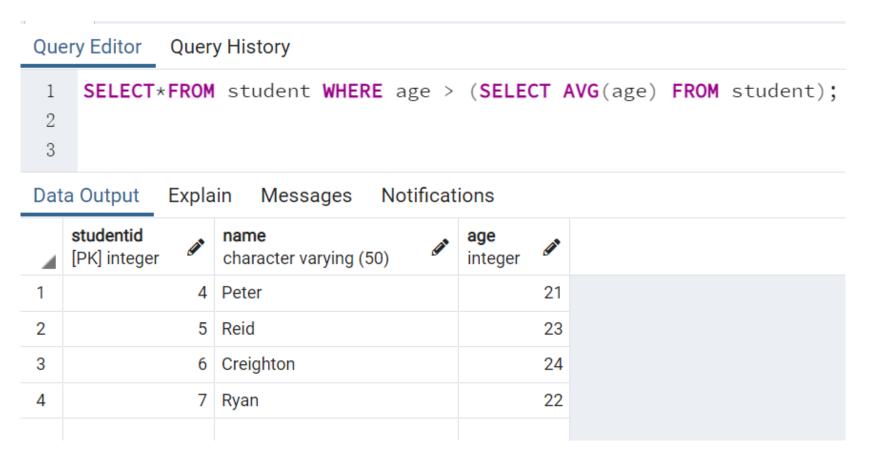
age

integer

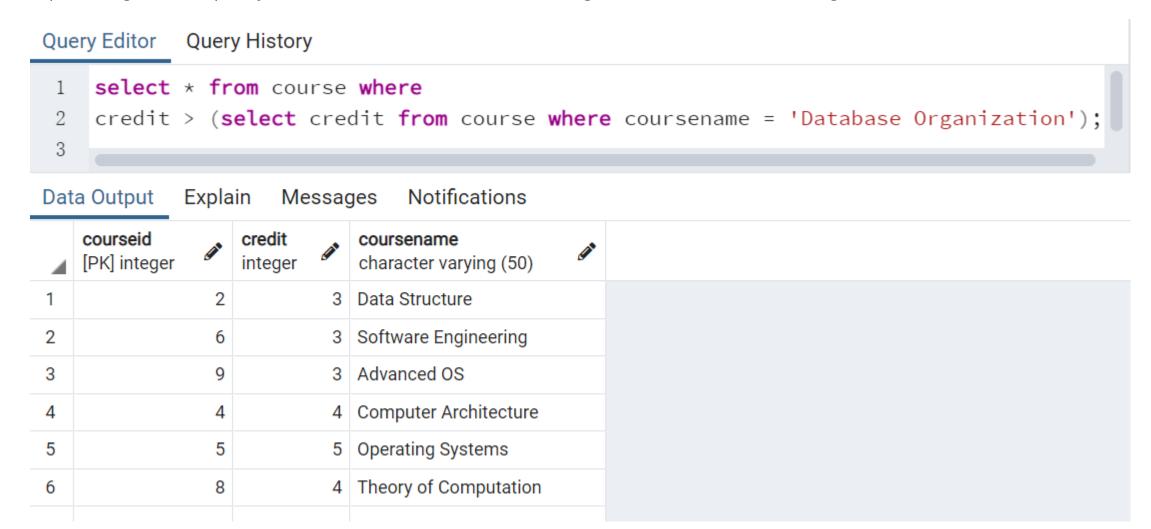
- 1. Create at least 10 different subqueries (with problem statement what to query) to search data using a table
- 1). What are all the departments from College of Computing?



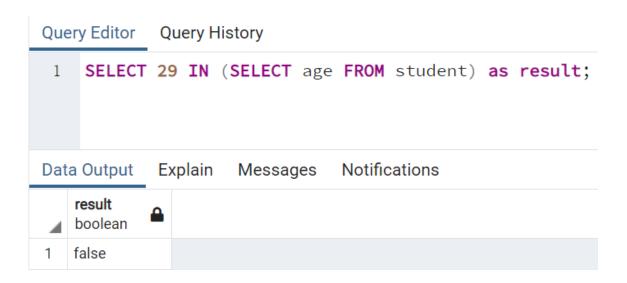
2). Using a subquery, list all the students with ages above the average.



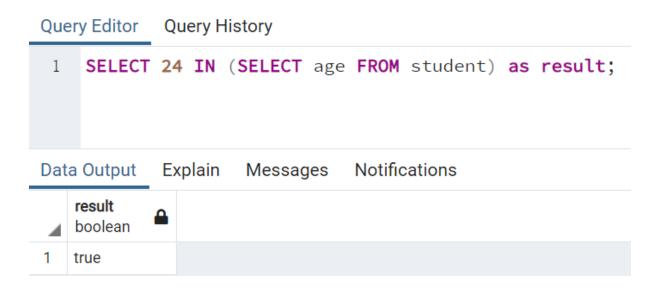
3). Using a subquery, list courses with credits larger than Database Organization.



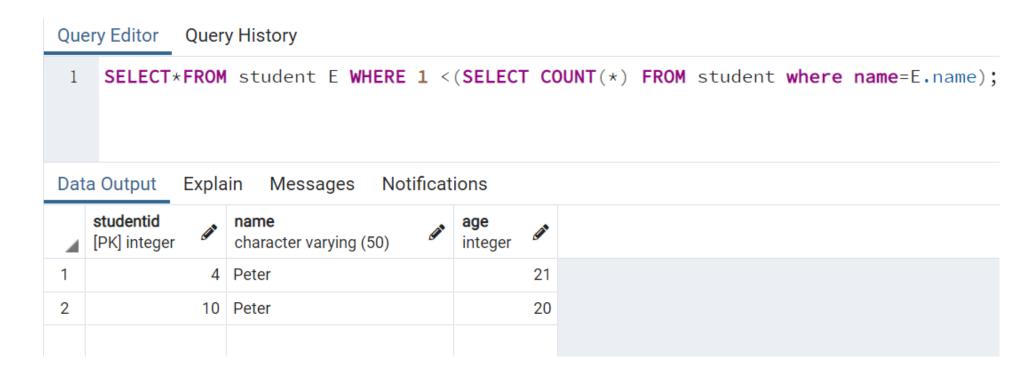
4). Using a subquery, to see if a student ages 29 exists within the student table:



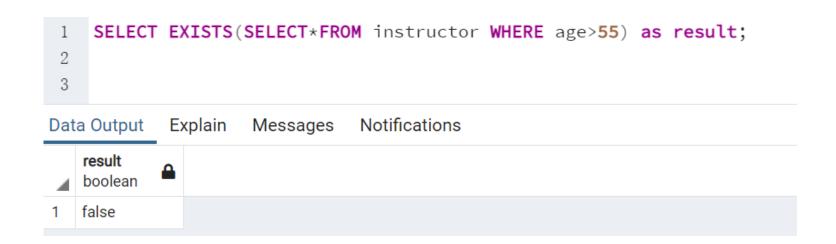
5). Using a subquery, to see if a student ages 24 exists within the student table:



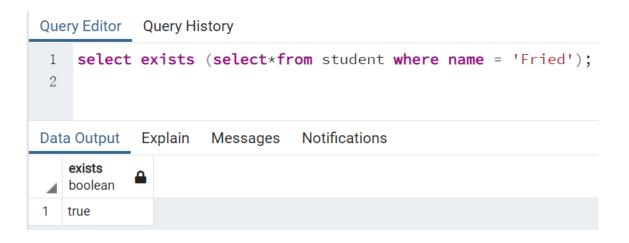
6). Using a subquery, to check if 2 or more students have the same name.



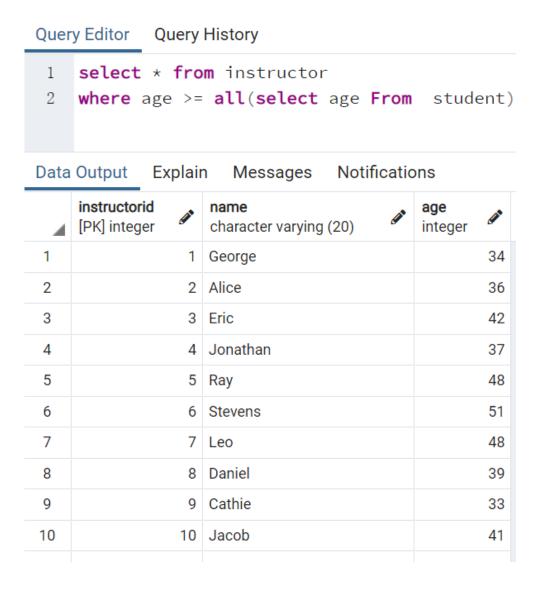
7). Using a subquery, to see if there're any instructors with ages above 55 exist.



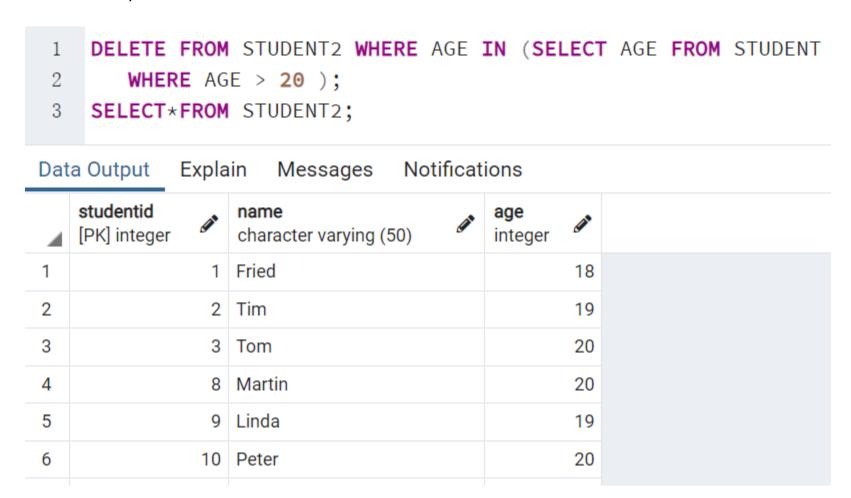
8). Using a subquery, to see if there're any instructors with name Fried exist.



9). Using a subquery, list all the instructors whose ages above all students' ages.



10). Using a subquery, delete all the students with ages above 20 from student2(which is a copy of table student)



- 2. If you can get the same result without using subqueries as item1, use the alternative queries and results.
- 1). What are all the departments from College of Computing?

Query Editor Query History					
<pre>SELECT department.* FROM department INNER JOIN college ON department.collegeid = college.collegeid WHERE college.collegename = 'College of Computing';</pre>					
Data Output Explain Messages Notifications					
4	departmentid [PK] character varying (20)	deptname character varying (50)	collegeid integer		
1	CS	Computer Science	101		
2	IT	Information Technology	101		
3	AM	Applied Mathematics	101		

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