[COSE371 Database]

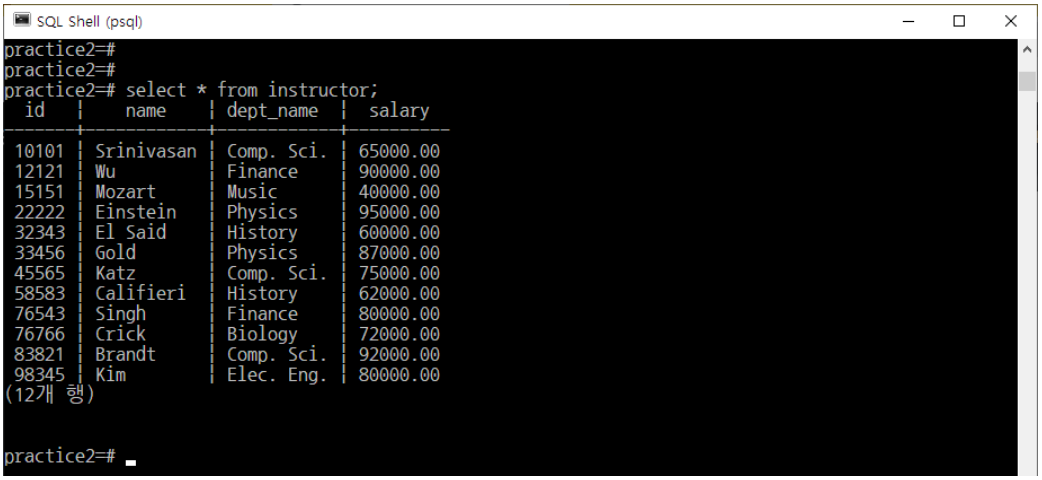
Lab – SQL 2

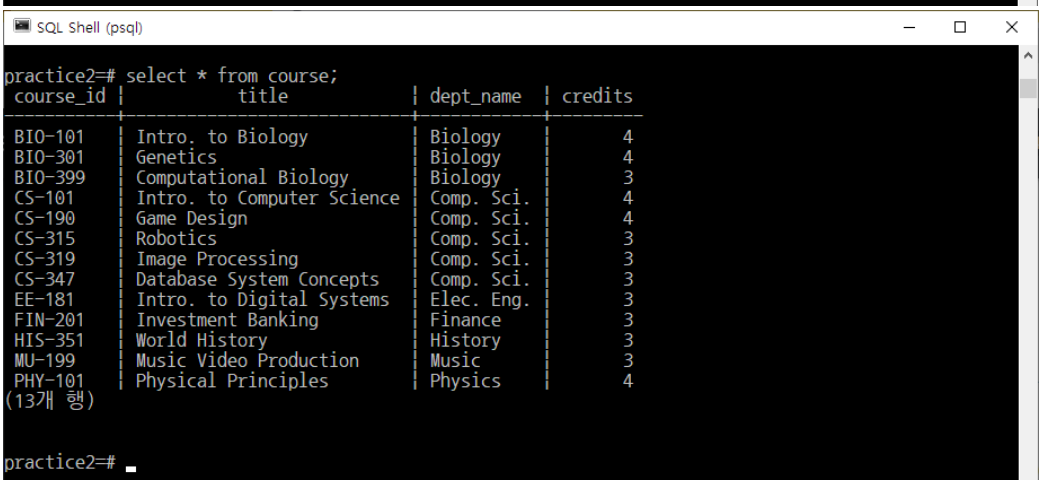
2019320137

컴퓨터학과 황상민

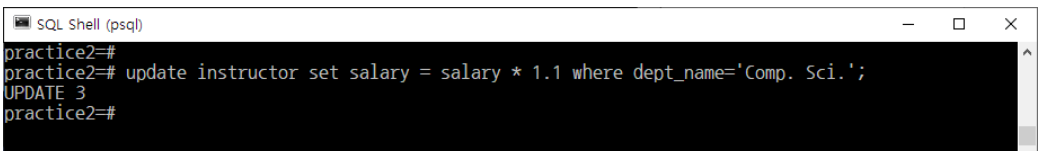
Exercise 1.

a. Execute 'select * from instructor;' and 'select * from course;'

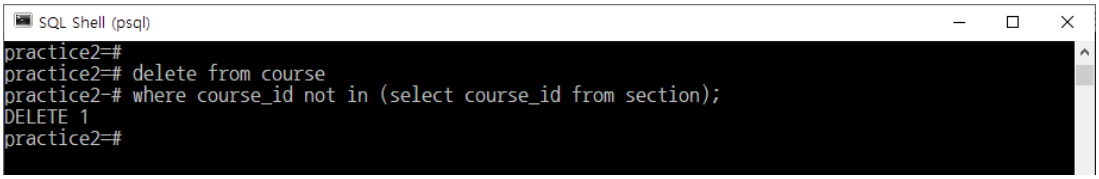




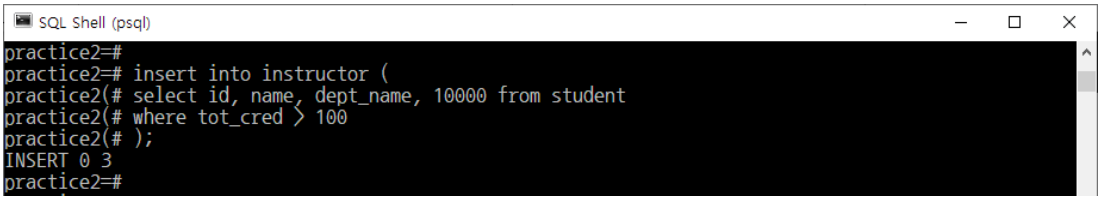
b. Increase the salary of each instructor in the Comp. Sci. department by 10%.



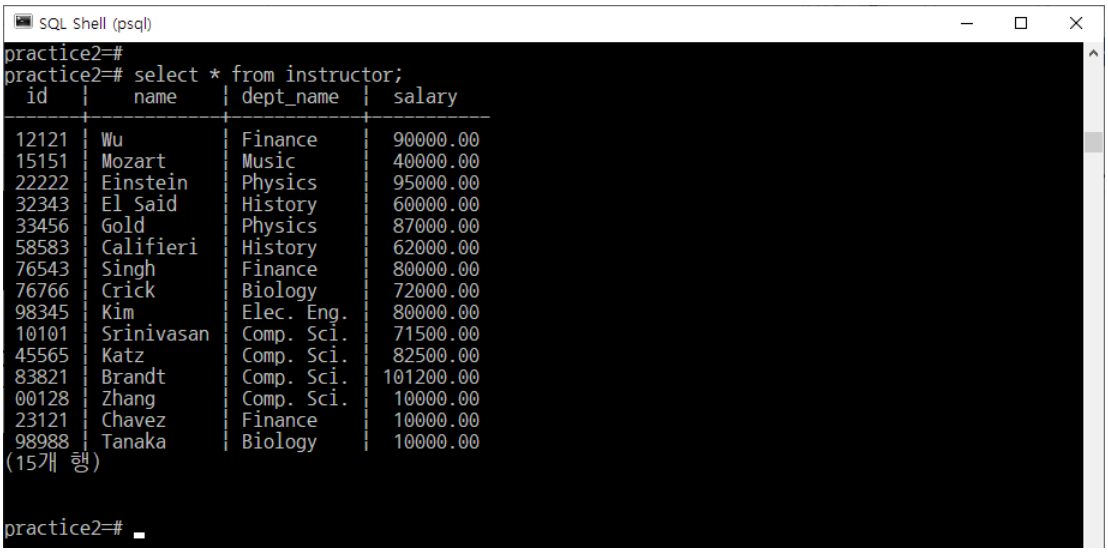
c. Delete all courses that have never been offered (i.e., do not occur in the section relation).

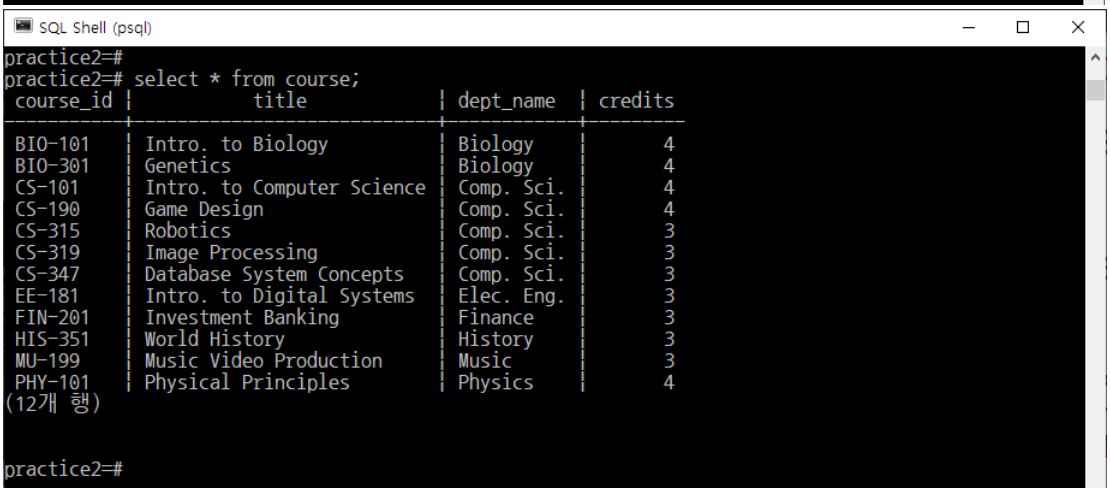


d. Insert every student whose tot_cred attribute is greater than 100 as an instructor in the same department, with a salary of $10,000.



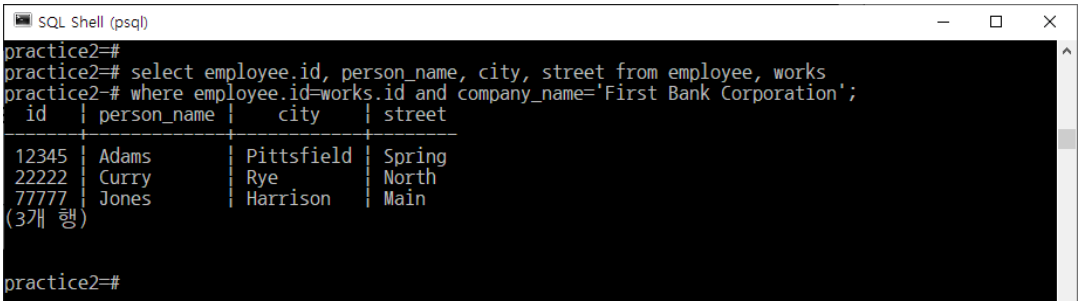
e. Execute 'select * from instructor;' and 'select * from course;'



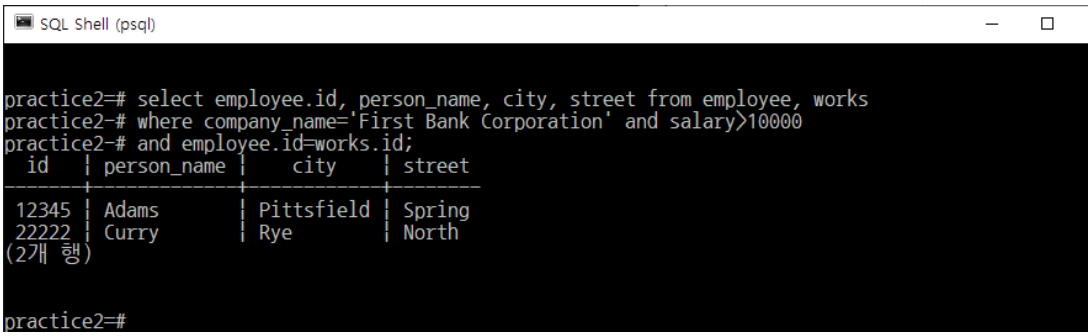


Exercise 2.

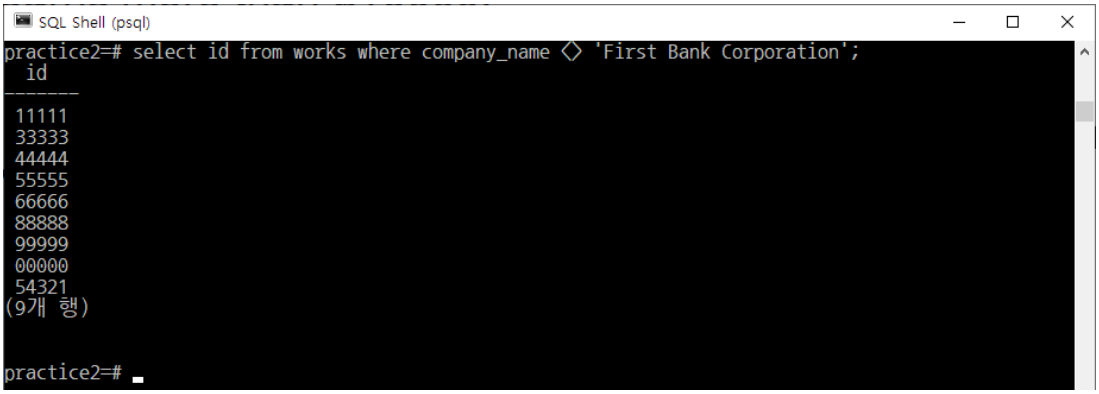
a. Find the ID, name, city, and street of each employee who works for “First Bank Corporation”.



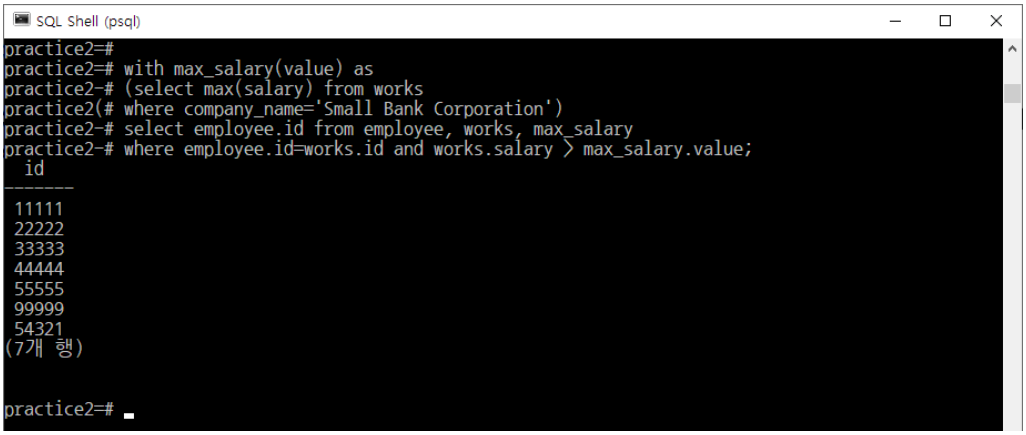
b. Find the ID, name, city, and street of each employee who works for “First Bank Corporation” and earns more than $10000.



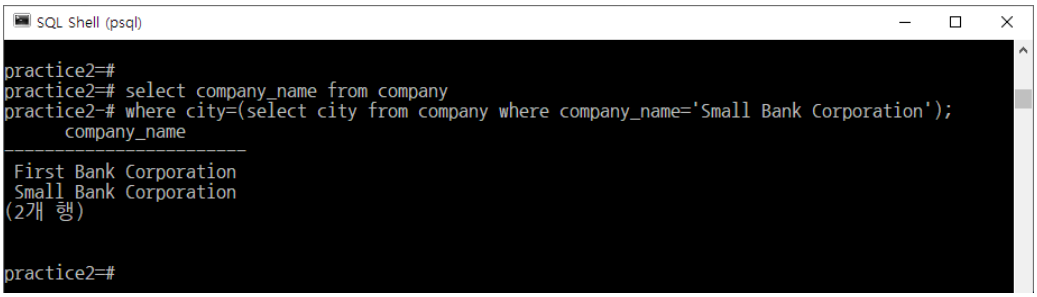
c. Find the ID of each employee who does not work for “First Bank Corporation”.



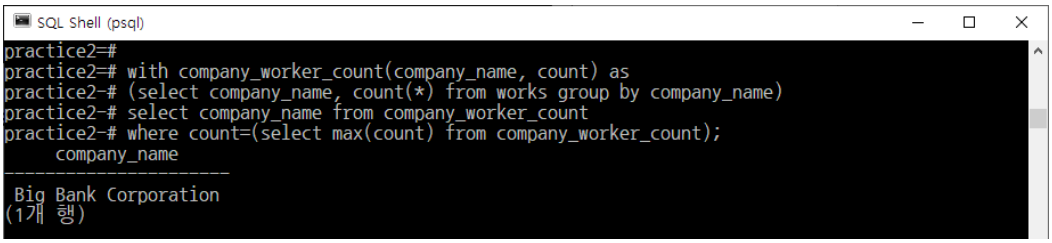
d. Find the ID of each employee who earns more than every employee of "Small Bank Corporation".



e. Find the name of each company that is in the city of "Small Bank Corporation" is located.



f. Find the name of the company that has the most employees (or companies, in the case where there is a tie for the most).



g. Find the name of each company whose employees earn a higher salary, on average, than the average salary at "First Bank Corporation".