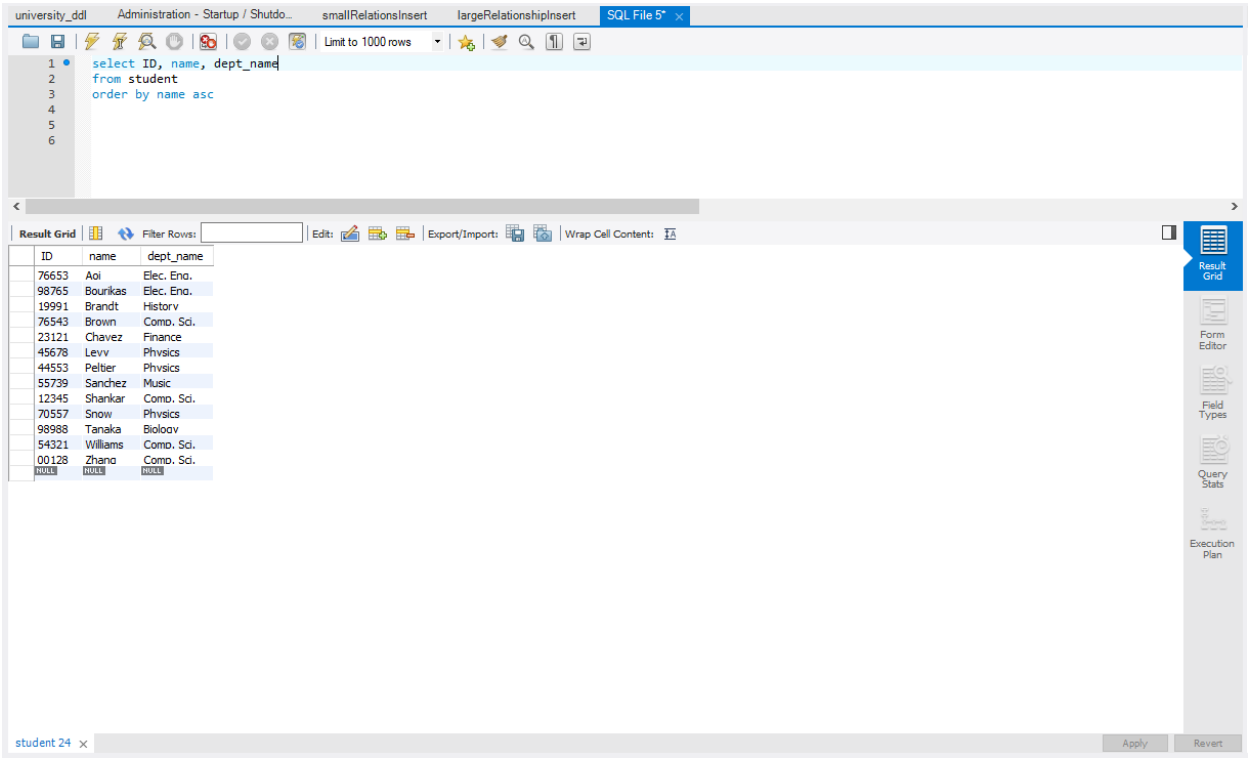
MSDS 7330
File Organization and Database Management

Mini Project 2

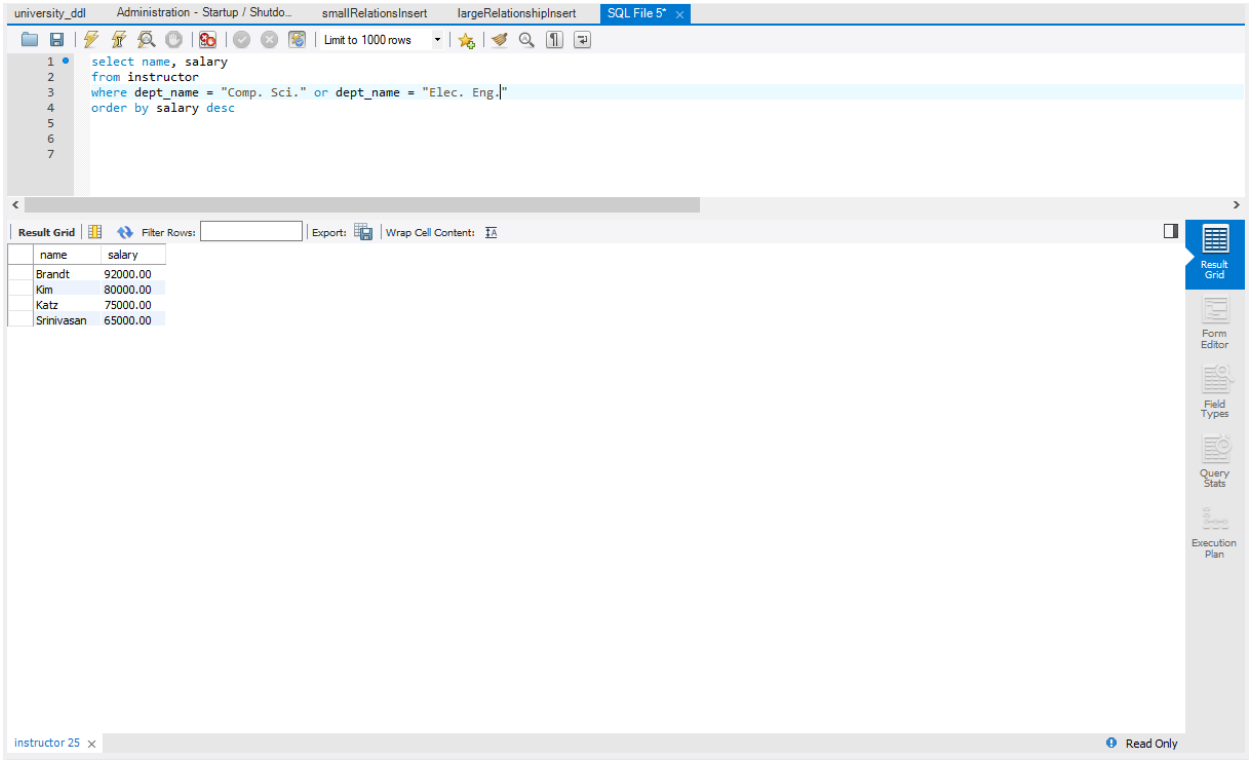
Evangelos Giakoumakis

1) Produce a list of all the students in the student relation, including their ID, name and department name, sorted into ascending order by their name.

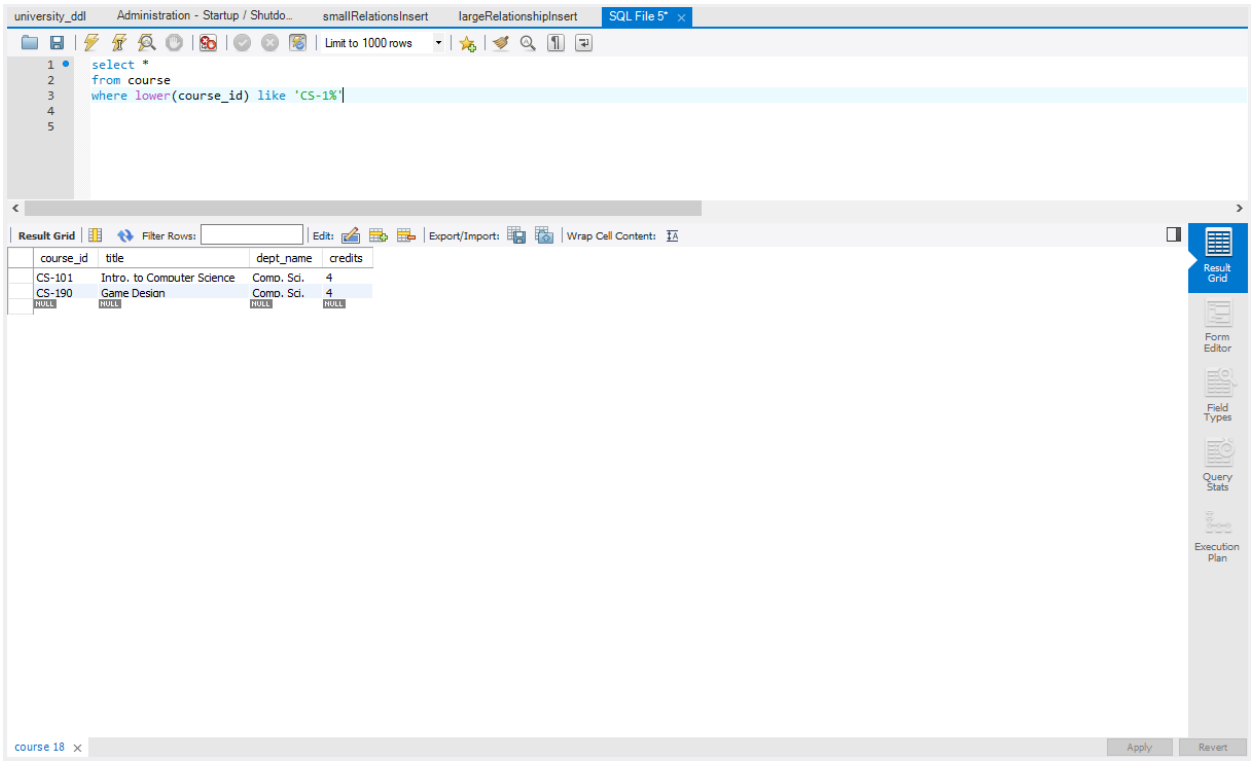


2) Produce a list of the names and salaries of professors in the Comp. Sci. and Elec.

Eng. departments ordered by decreasing salary.

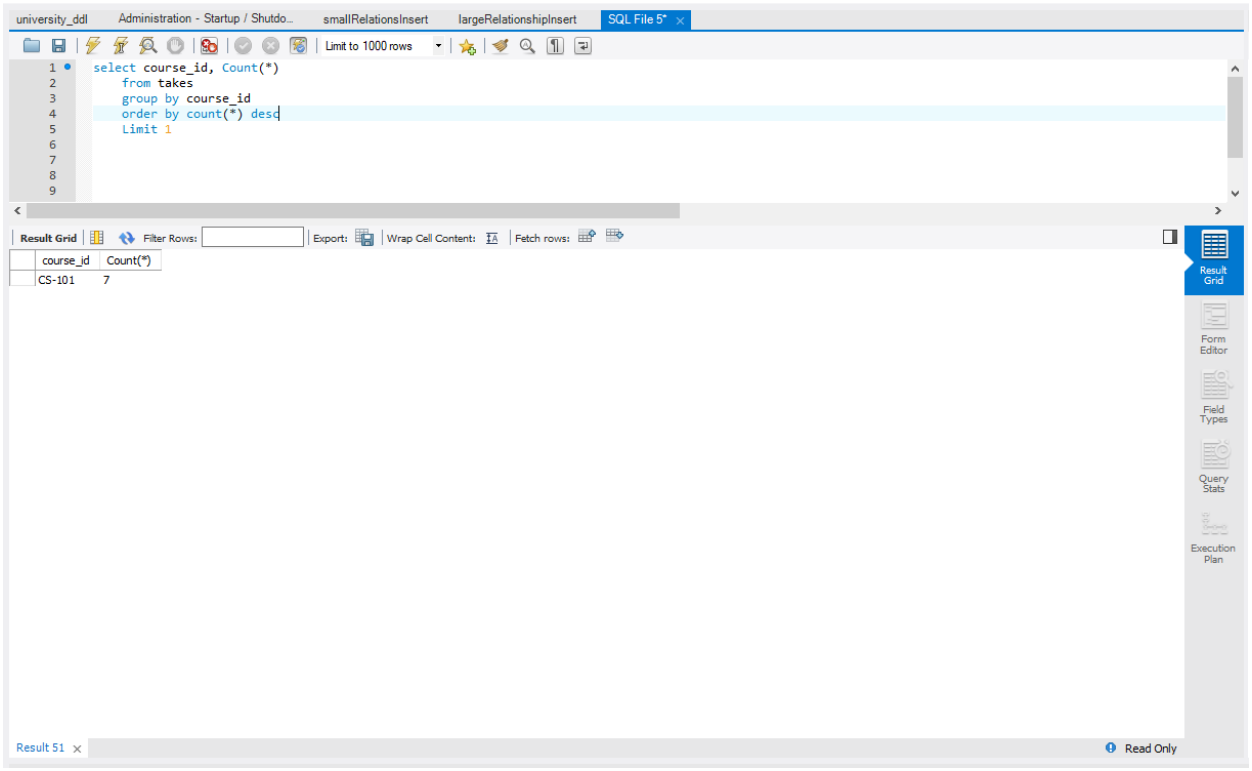


3) Find all courses whose identifier starts with the string ”CS-1”

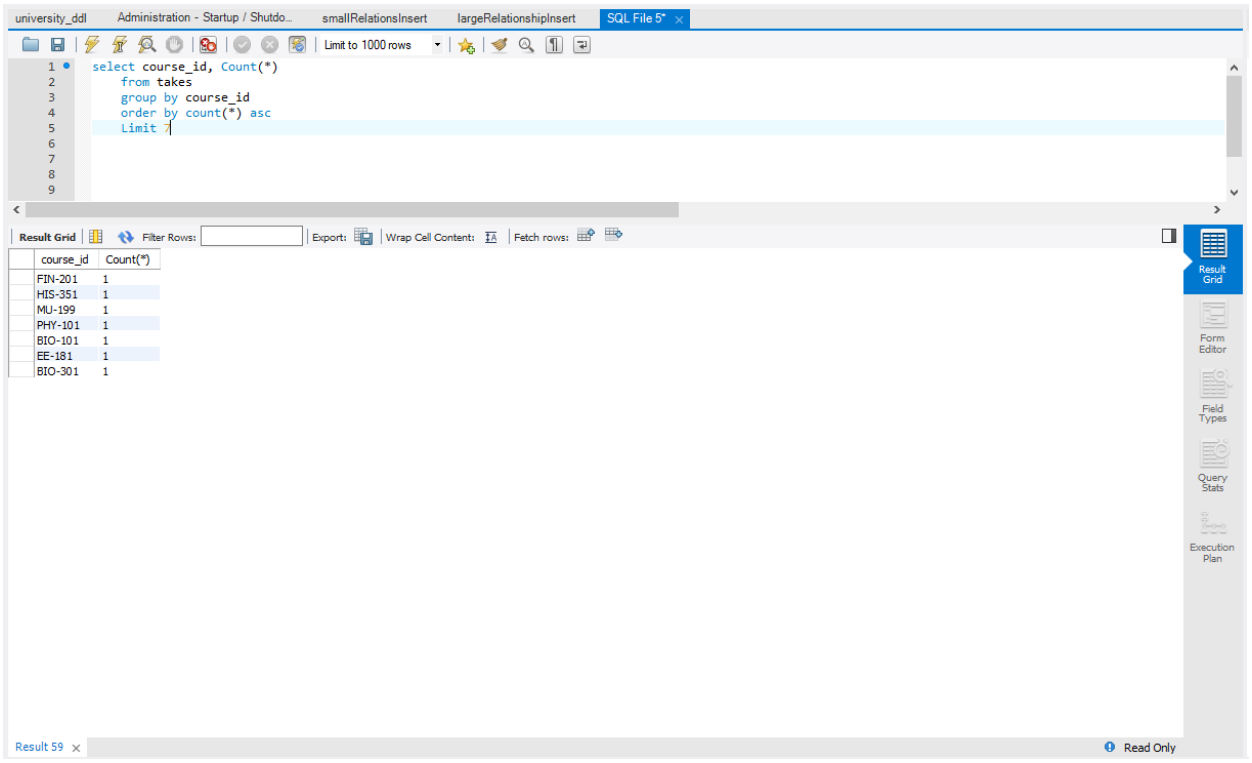


4) Find the maximum and minimum enrollment across all sections, considering only sections that had some enrollment, don't worry about those that had no students taking that section

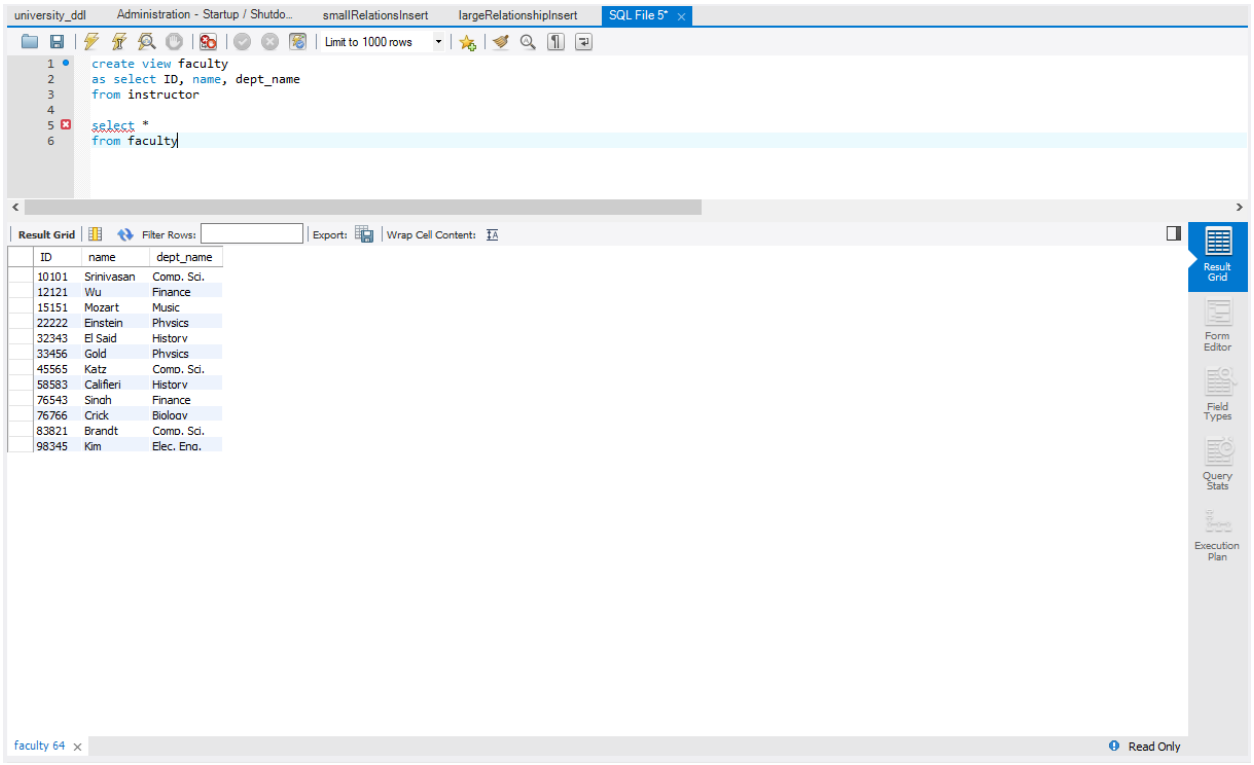
Maximum:



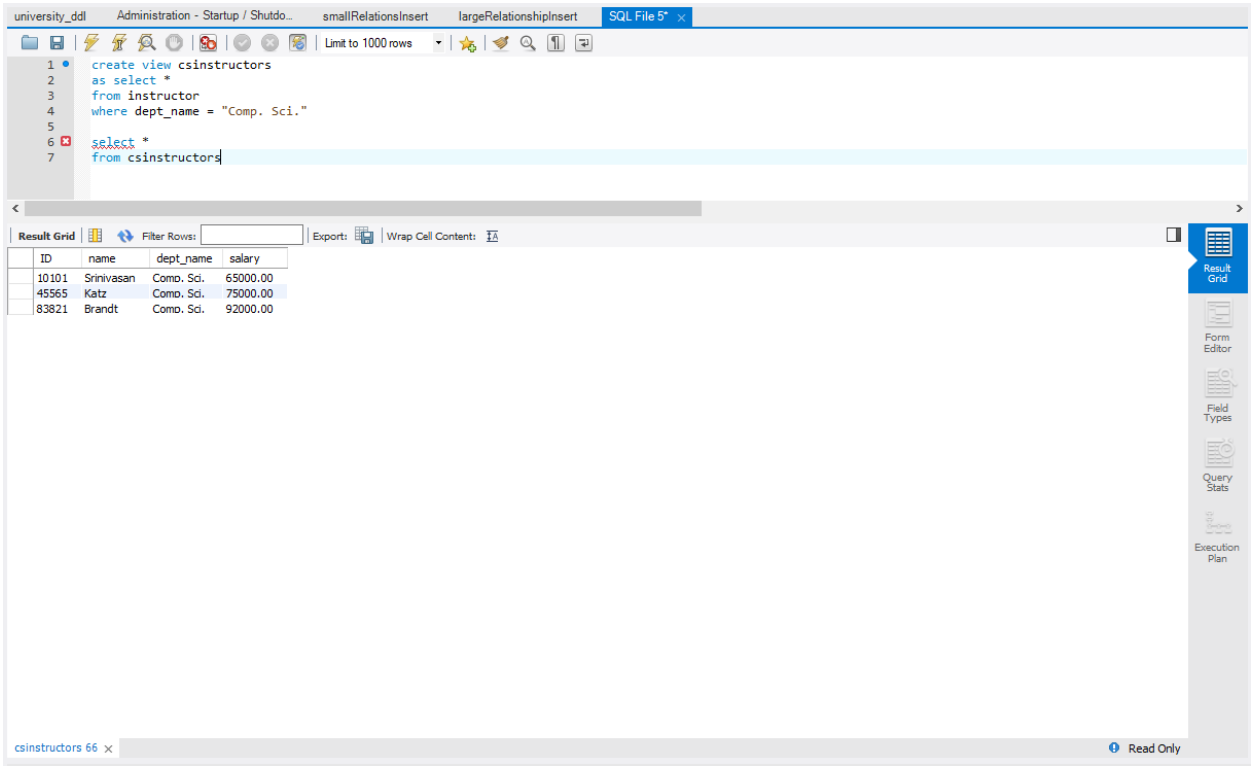
Minimum:


university_ddl
Administration - Startup / Shutdo...
smallRelationsInsert
largeRelationshipInsert
SQL File 5*
Limit to 1000 rows
select course_id, Count(*)
from takes
group by course_id
order by count(*) asc
Limit 7
Result Grid
Filter Rows:
Export:
Wrap Cell Content:
Fetch rows:
course_id Count(*)
FIN-201 1
HIS-351 1
MU-199 1
PHY-101 1
BIO-101 1
EE-181 1
BIO-301 1
Result Grid
Form Editor
Field Types
Query Stats
Execution Plan
Result 59
Read Only

5) Create a view faculty showing only the ID, name, and department of instructors.



6) Create a view CSinstructors, showing all information about instructors from the Comp. Sci. department.



Database Schema: