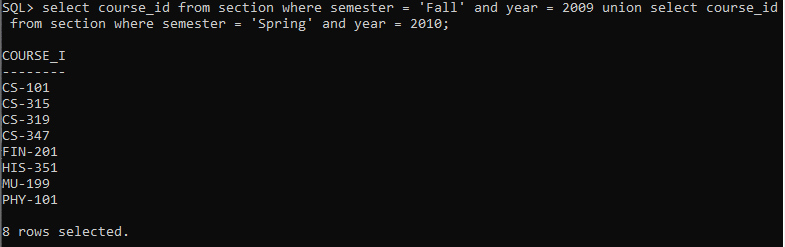
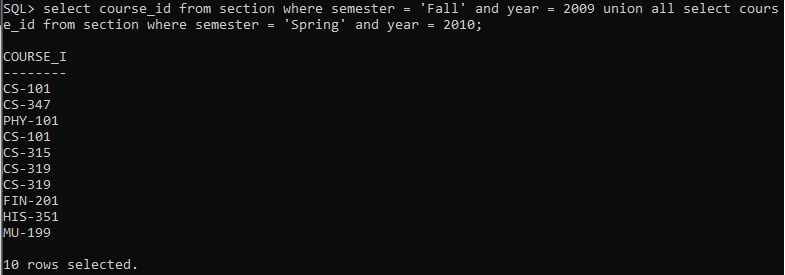
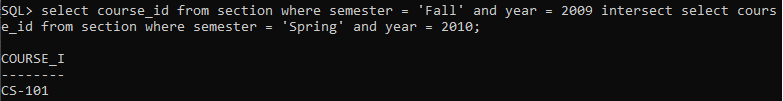
1. select course\_id from section where semester = 'Fall' and year = 2009 union select course\_id from section where semester = 'Spring' and year = 2010;



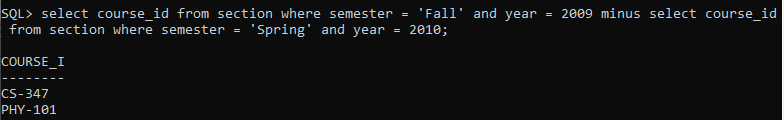
select course\_id from section where semester = 'Fall' and year = 2009 union all select course\_id from section where semester = 'Spring' and year = 2010;



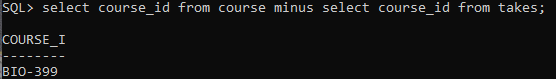
1. select course\_id from section where semester = 'Fall' and year = 2009 intersect select course\_id from section where semester = 'Spring' and year = 2010;



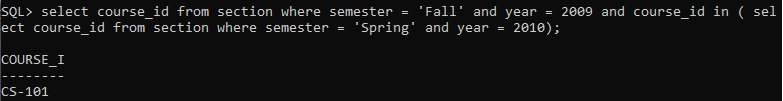
1. select course\_id from section where semester = 'Fall' and year = 2009 minus select course\_id from section where semester = 'Spring' and year = 2010;



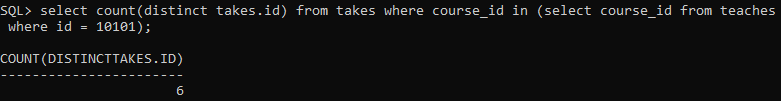
1. select course\_id from course minus select course\_id from takes;



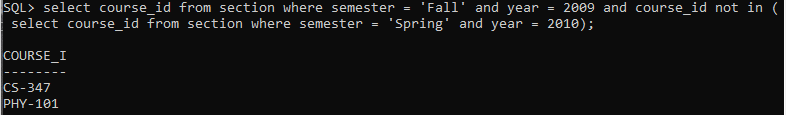
1. select course\_id from section where semester = 'Fall' and year = 2009 and course\_id in ( select course\_id from section where semester = 'Spring' and year = 2010);



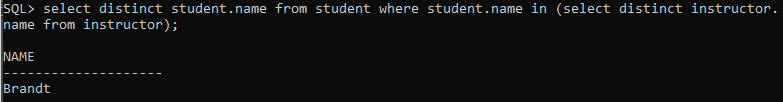
1. select count(distinct takes.id) from takes where course\_id in (select course\_id from teaches where id = 10101);



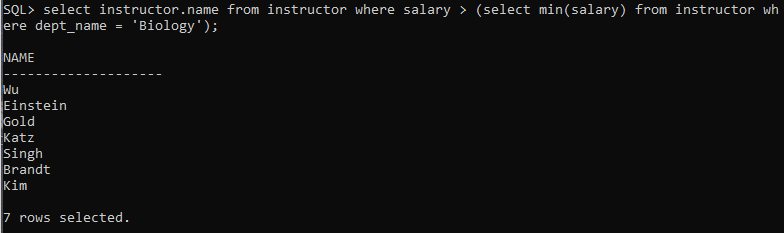
1. select course\_id from section where semester = 'Fall' and year = 2009 and course\_id not in ( select course\_id from section where semester = 'Spring' and year = 2010);



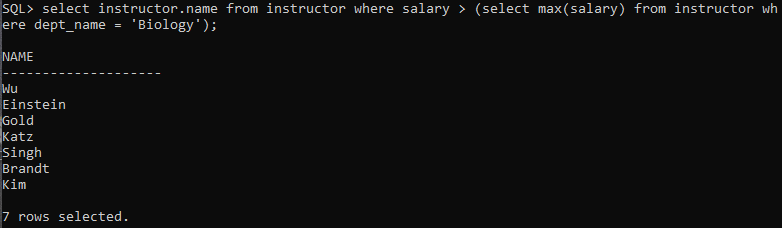
1. select distinct student.name from student where student.name in (select distinct instructor.name from instructor);



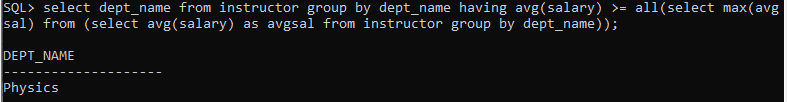
1. select instructor.name from instructor where salary > (select min(salary) from instructor where dept\_name = 'Biology');



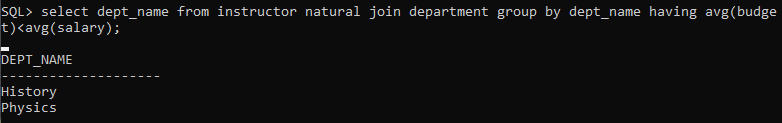
1. select instructor.name from instructor where salary > (select max(salary) from instructor where dept\_name = 'Biology');



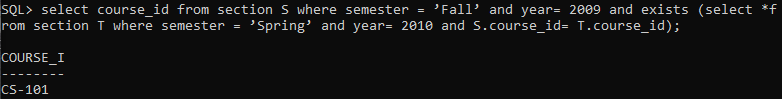
1. select dept\_name from instructor group by dept\_name having avg(salary) >= all(select max(avgsal) from (select avg(salary) as avgsal from instructor group by dept\_name));



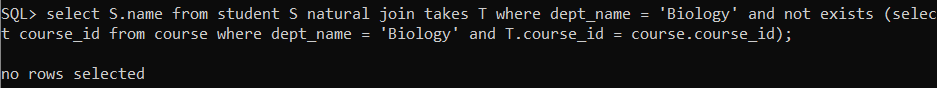
1. select dept\_name from instructor natural join department group by dept\_name having avg(budget)<avg(salary);



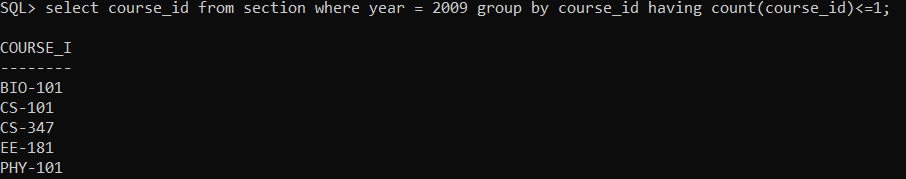
1. select course\_id from section S where semester = ’Fall’ and year= 2009 and exists (select \*from section T where semester = ’Spring’ and year= 2010 and S.course\_id= T.course\_id);



1. select S.name from student S natural join takes T where dept\_name = 'Biology' and not exists (select course\_id from course where dept\_name = 'Biology' and T.course\_id = course.course\_id);



1. select course\_id from section where year = 2009 group by course\_id having count(course\_id)<=1;



1. select name from student, takes where student.id = takes.id and dept\_name = 'Comp. Sci.' group by name having count(course\_id)>=2;

Text

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1. select dept\_name, avgsal from (select dept\_name, avg(salary) as avgsal from instructor group by dept\_name) where avgsal > 42000;

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1. create view all\_courses as select sec\_id, section.building, room\_number from section, department where section.building = department.building and dept\_name = 'Physics' and semester = 'Fall' and year = 2009;

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1. select \* from all\_courses;

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1. create view department\_total\_salary as select dept\_name, sum(salary) as sumSalary from instructor group by dept\_name;

Text

Description automatically generated