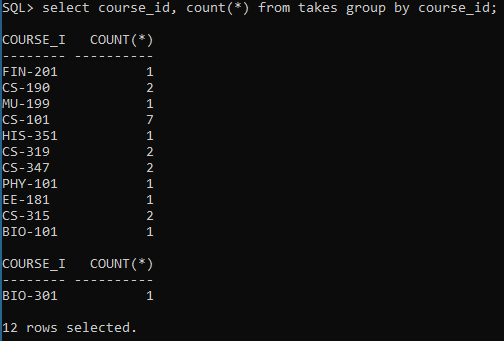
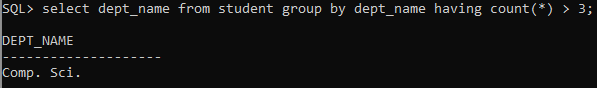
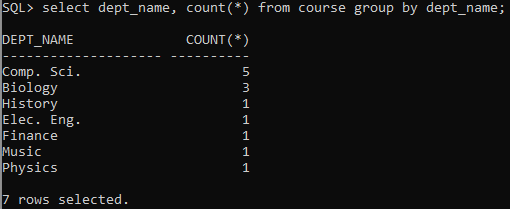
1. select course\_id, count(\*) from takes group by course\_id;



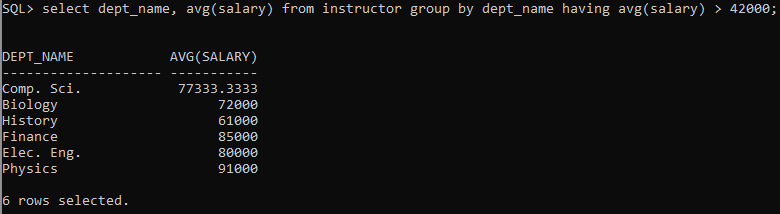
1. select dept\_name from student group by dept\_name having count(\*) > 3;



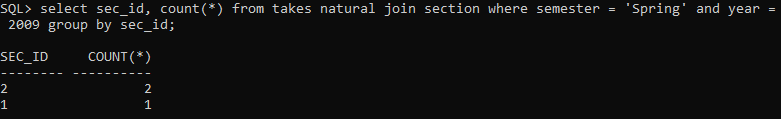
1. select dept\_name, count(\*) from course group by dept\_name;



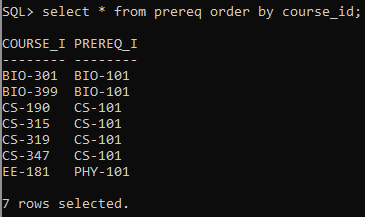
1. select dept\_name, avg(salary) from instructor group by dept\_name having avg(salary) > 42000;



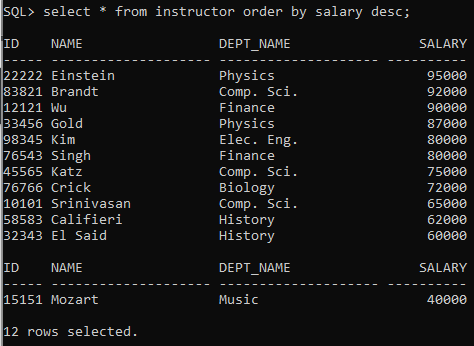
1. select sec\_id, count(\*) from takes natural join section where semester = 'Spring' and year = 2009 group by sec\_id;



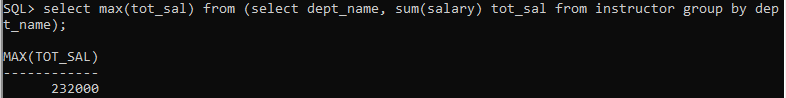
1. select \* from prereq order by course\_id;



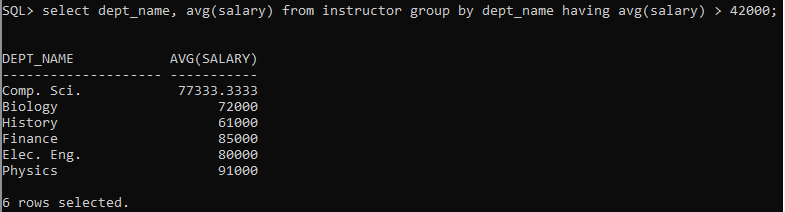
1. select \* from instructor order by salary desc;



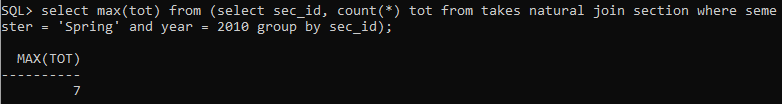
1. select max(tot\_sal) from (select dept\_name, sum(salary) tot\_sal from instructor group by dept\_name);



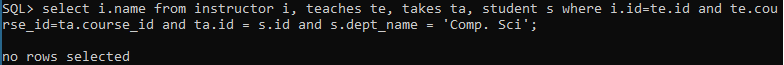
1. select dept\_name, avg(salary) from instructor group by dept\_name having avg(salary) > 42000;



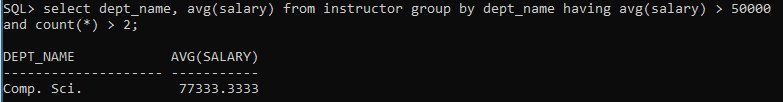
1. select max(tot) from (select sec\_id, count(\*) tot from takes natural join section where semester = 'Spring' and year = 2010 group by sec\_id);



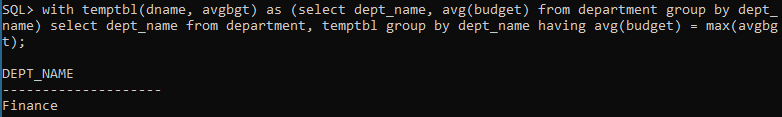
1. select i.name from instructor i, teaches te, takes ta, student s where i.id=te.id and te.course\_id=ta.course\_id and ta.id = s.id and s.dept\_name = 'Comp. Sci';



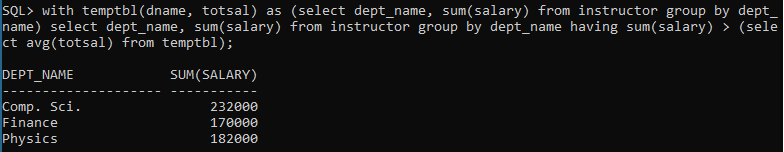
1. select dept\_name, avg(salary) from instructor group by dept\_name having avg(salary) > 50000 and count(\*) > 2;



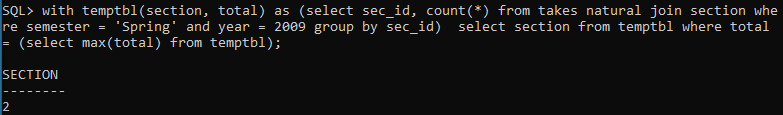
1. with temptbl(dname, avgbgt) as (select dept\_name, avg(budget) from department group by dept\_name) select dept\_name from department, temptbl group by dept\_name having avg(budget) = max(avgbgt);



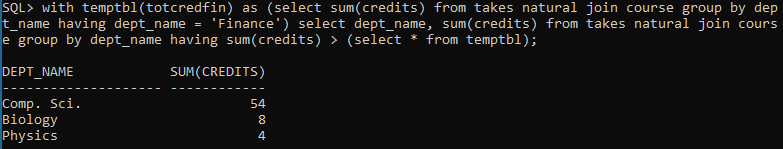
1. with temptbl(dname, totsal) as (select dept\_name, sum(salary) from instructor group by dept\_name) select dept\_name, sum(salary) from instructor group by dept\_name having sum(salary) > (select avg(totsal) from temptbl);



1. with temptbl(section, total) as (select sec\_id, count(\*) from takes natural join section where semester = 'Spring' and year = 2009 group by sec\_id) select section from temptbl where total = (select max(total) from temptbl);



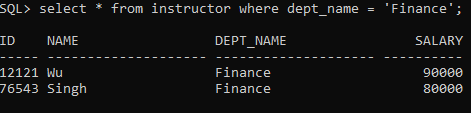
1. with temptbl(totcredfin) as (select sum(credits) from takes natural join course group by dept\_name having dept\_name = 'Finance') select dept\_name, sum(credits) from takes natural join course group by dept\_name having sum(credits) > (select \* from temptbl);



1. savepoint s;

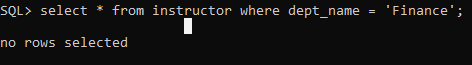
commit;

select \* from instructor where dept\_name = 'Finance';

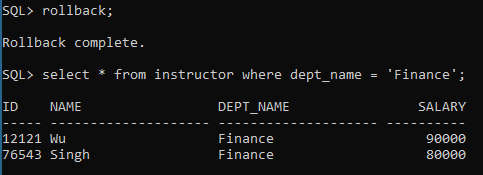


delete from instructor where dept\_name = 'Finance';

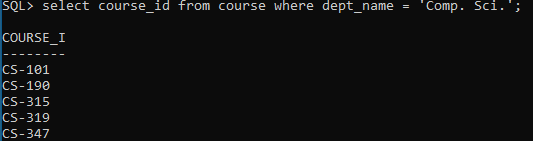




rollback;



1. commit;

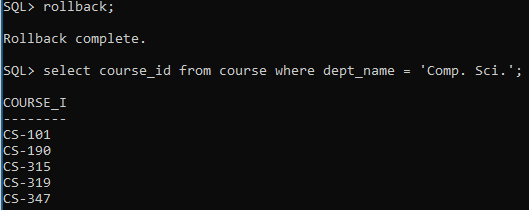


delete from course where dept\_name = 'Comp. Sci.';

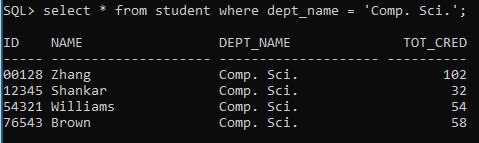


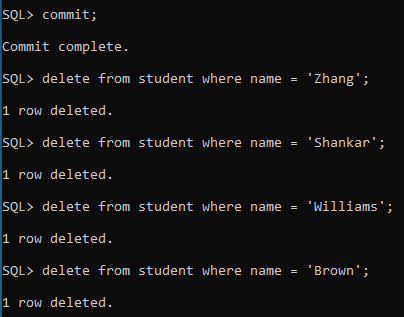


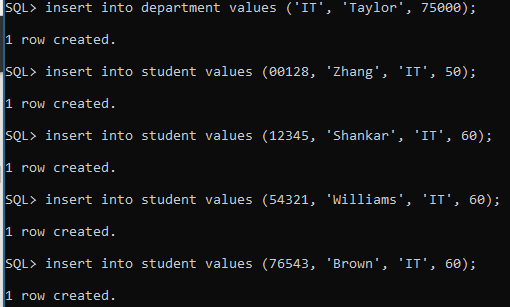
rollback;

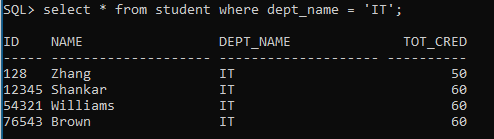


1. commit;



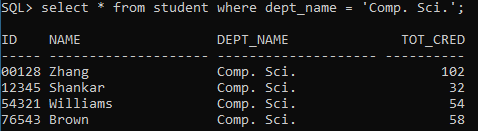




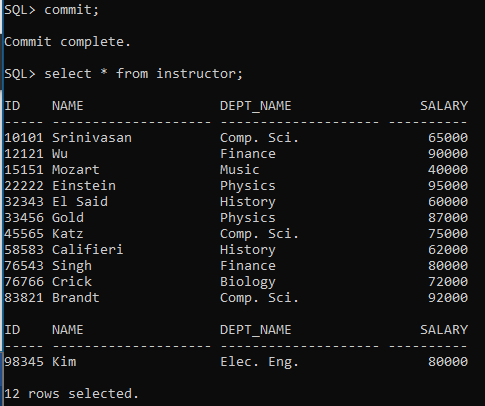


rollback;

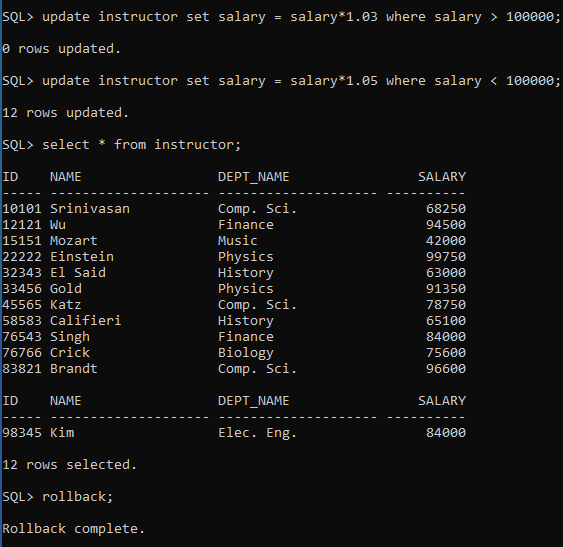


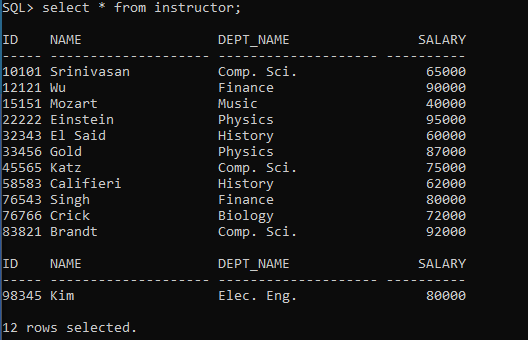


1. commit;



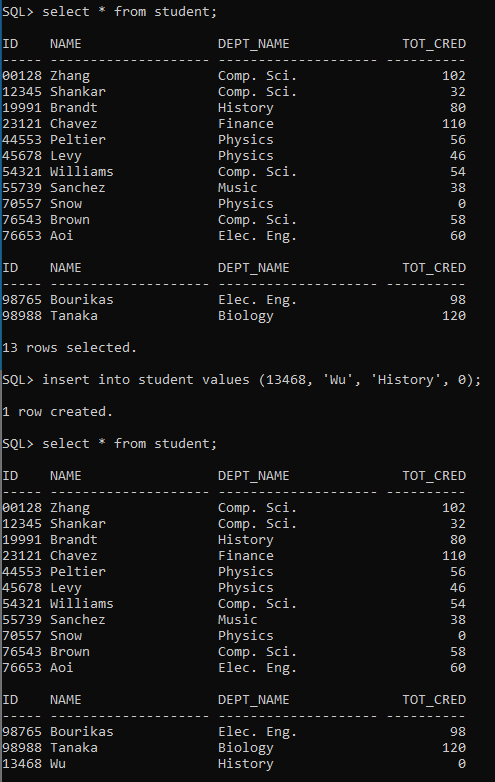
rollback;



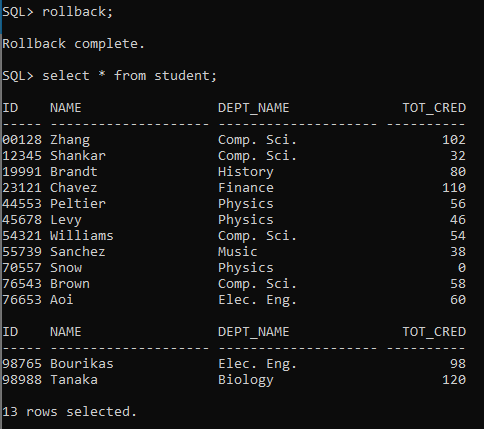


1. commit;

insert into student values (13468, 'Wu', 'History', 0);



rollback;



1. commit;



rollback;

