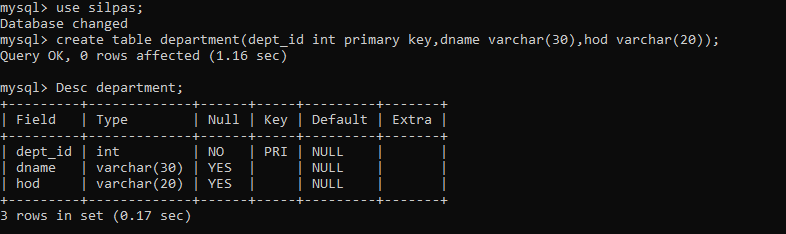
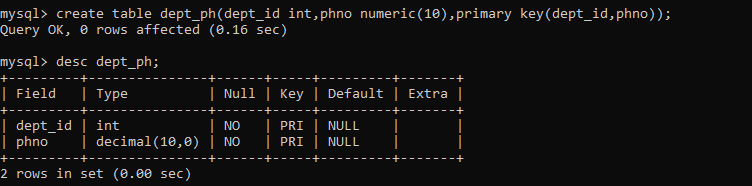
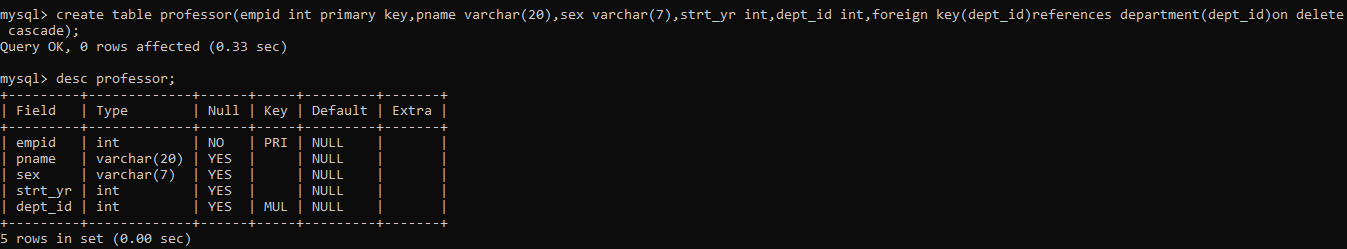
1.

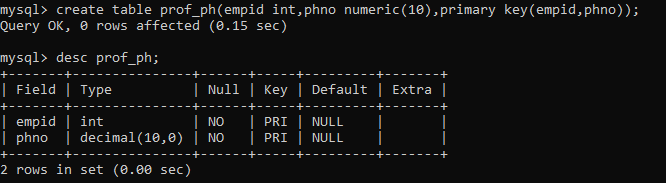


2.

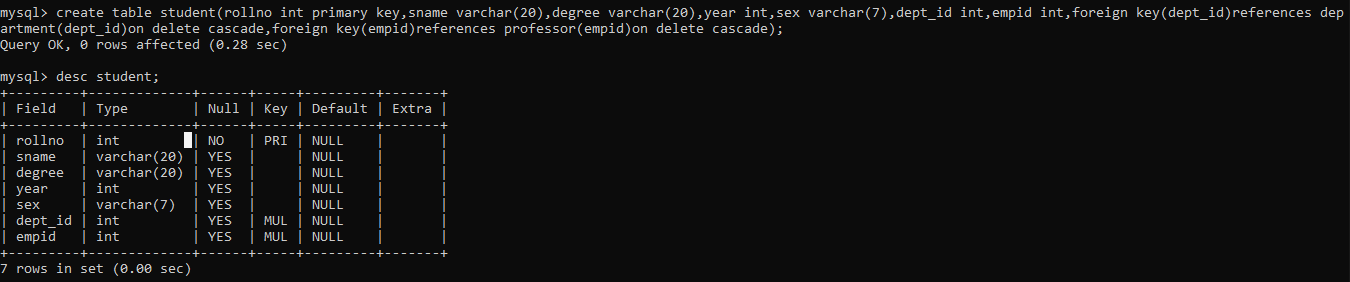


3.

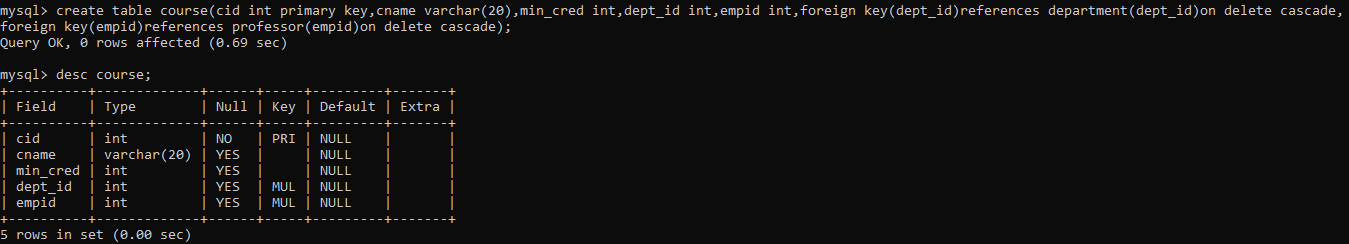
4.



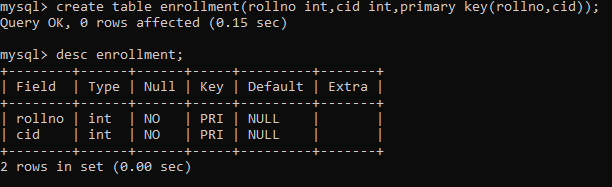
5.



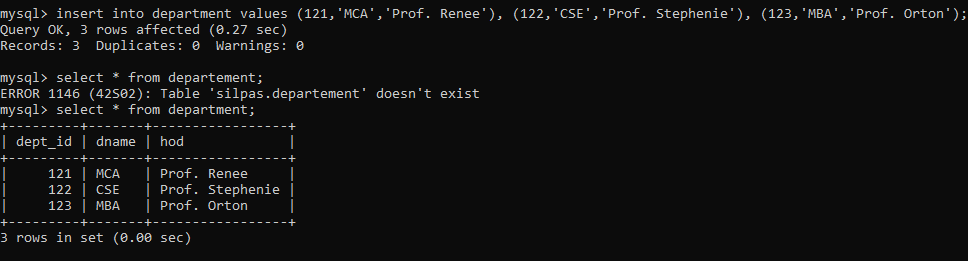
6.



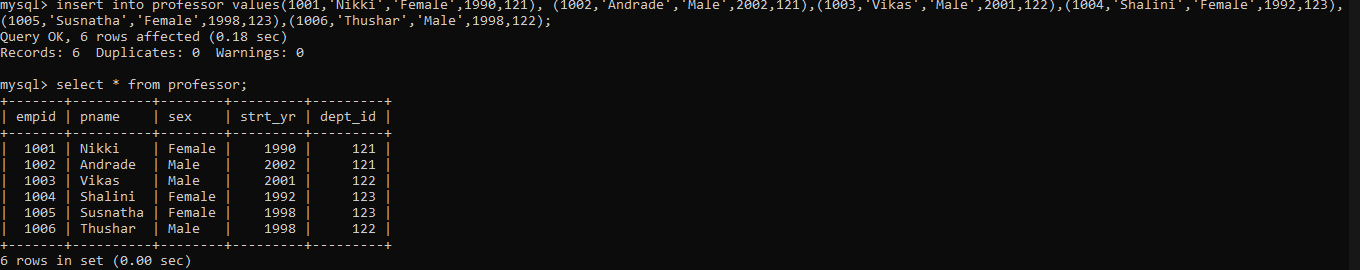
7.



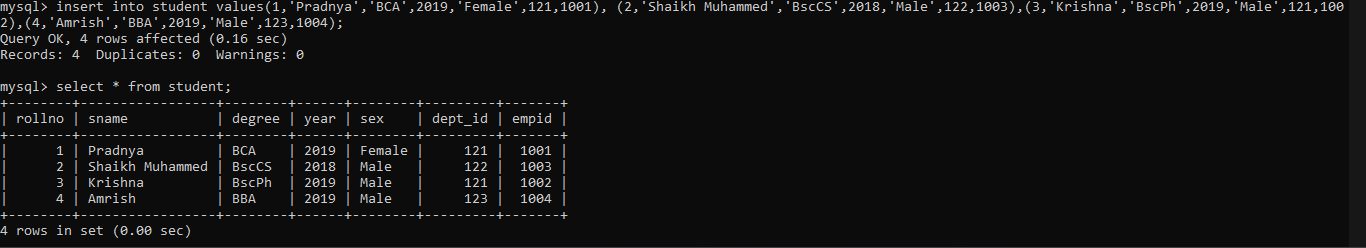
8.



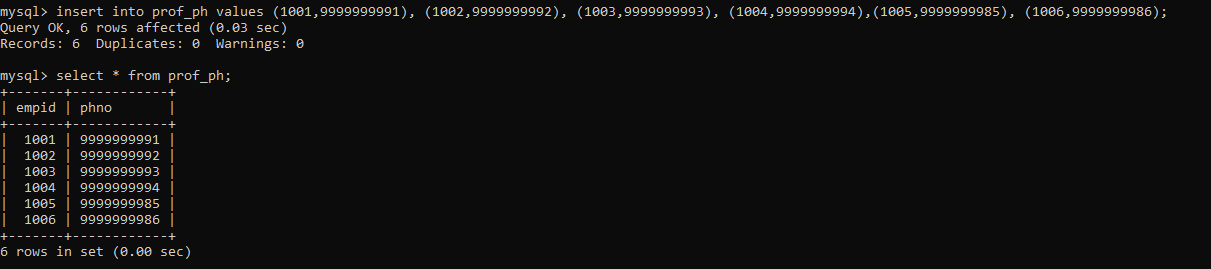
9.



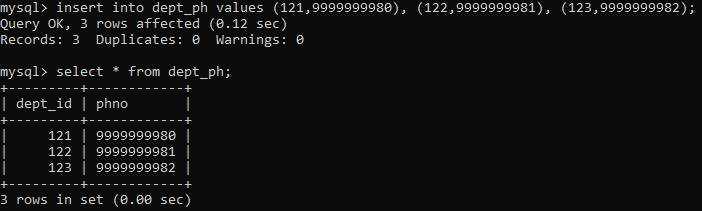
10.



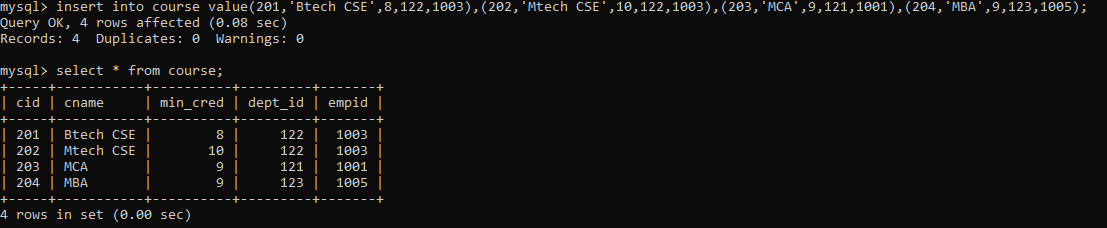
11.



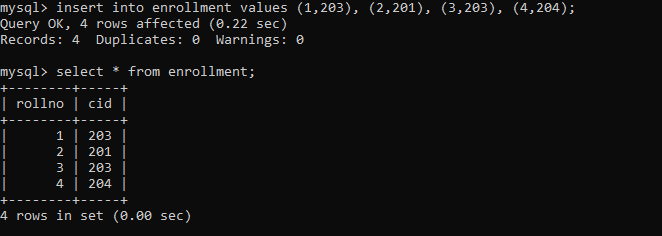
12.



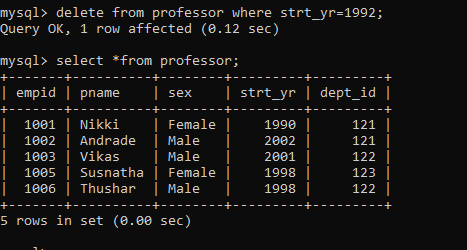
13.



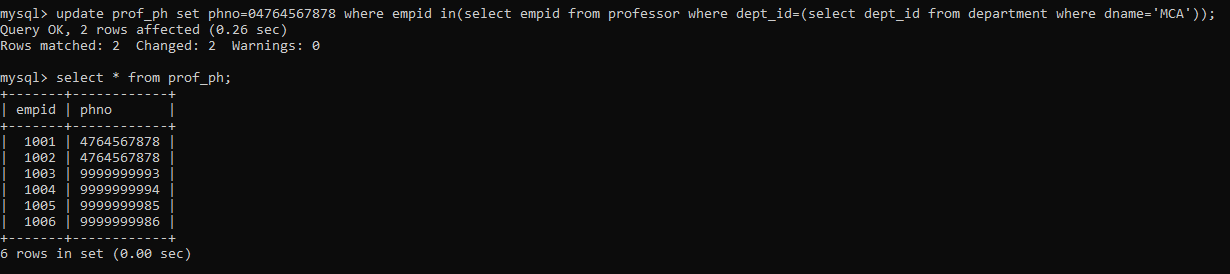
14.



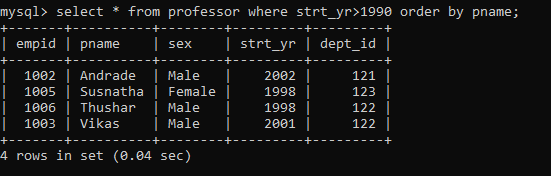
a.



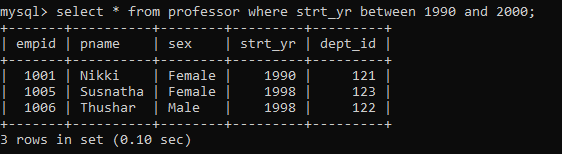
b.



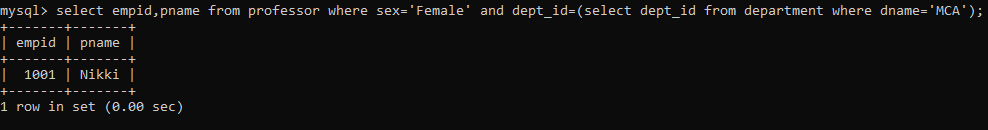
c.



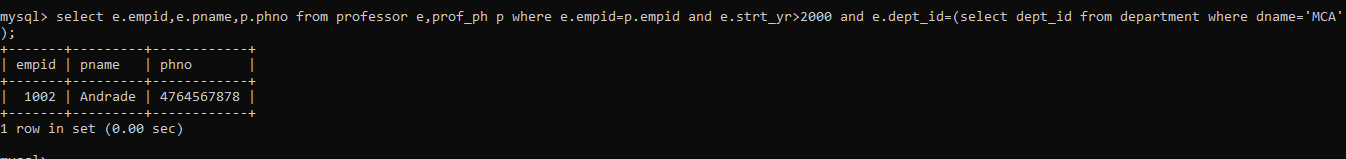
d.



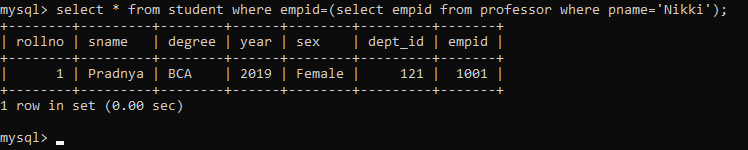
e.



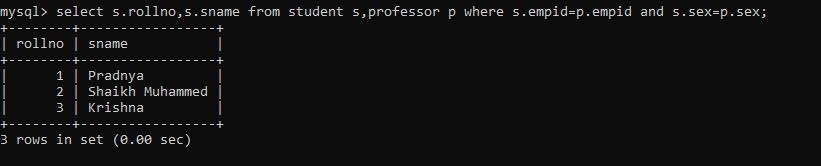
f.



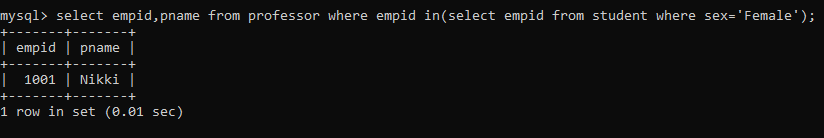
g.



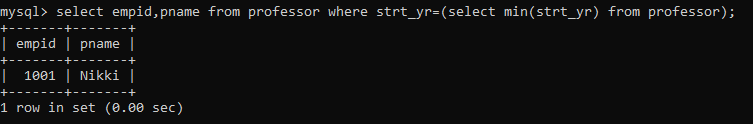
h.

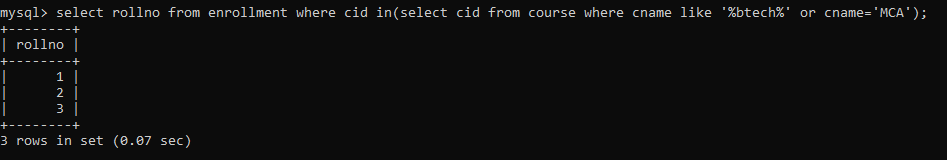


I.

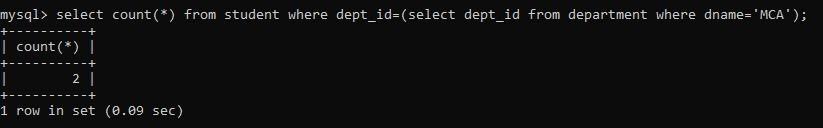


j.

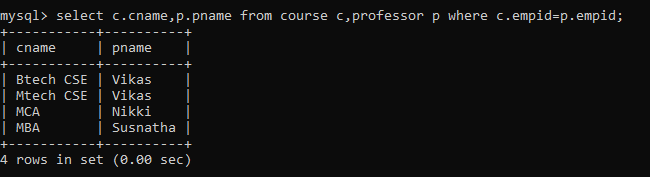




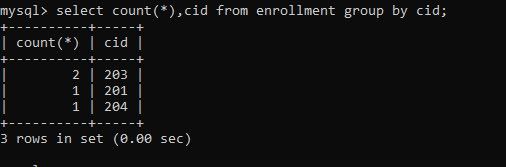
k.



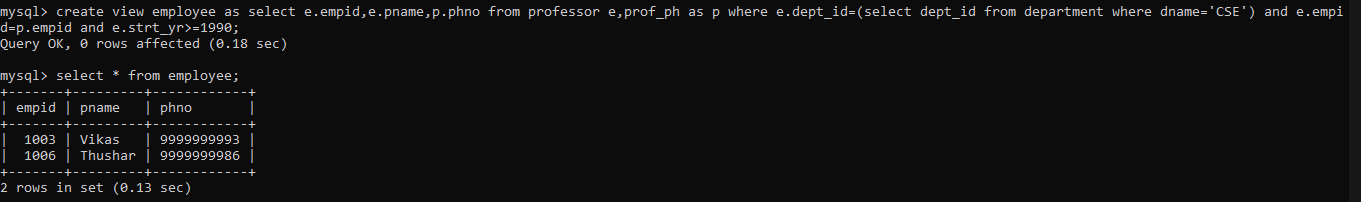
l.



m.



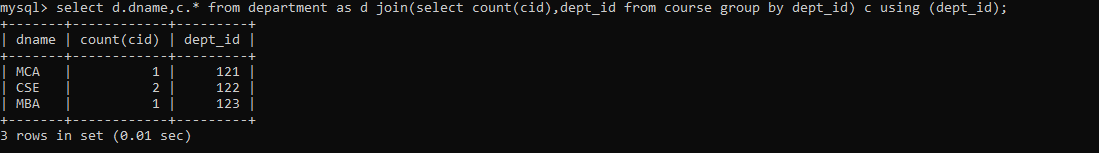
n.



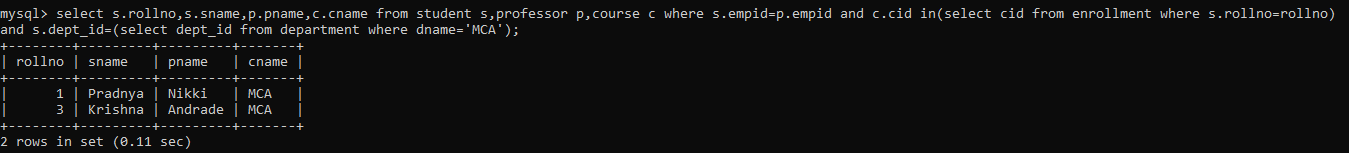
o.



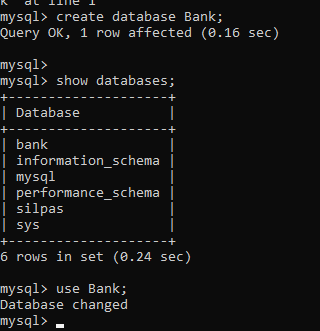
p.

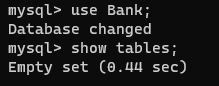


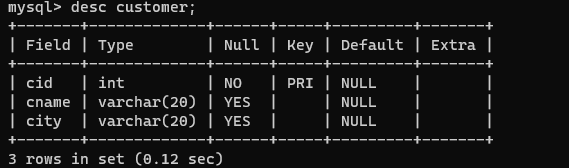
q.

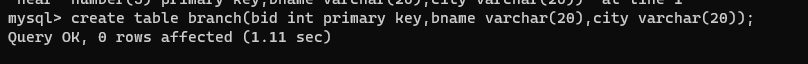


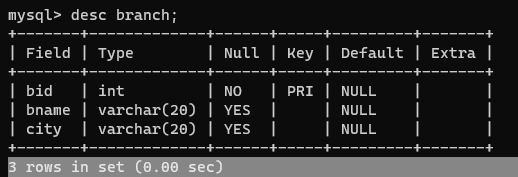
Q2.

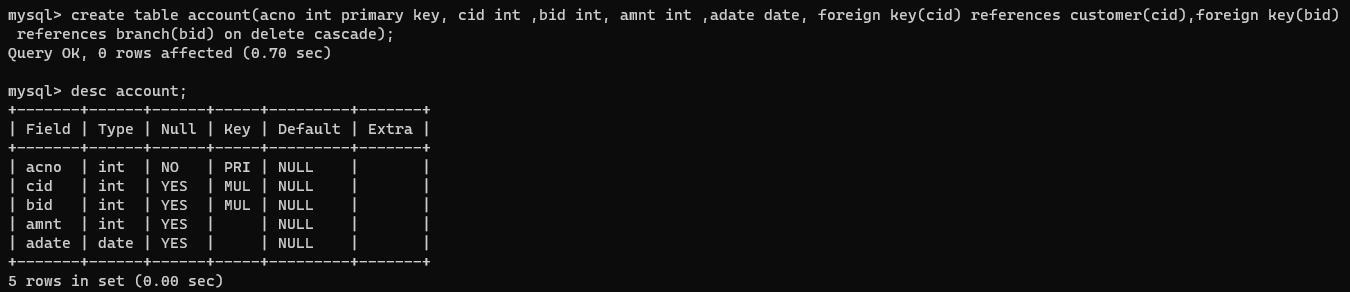


2. 

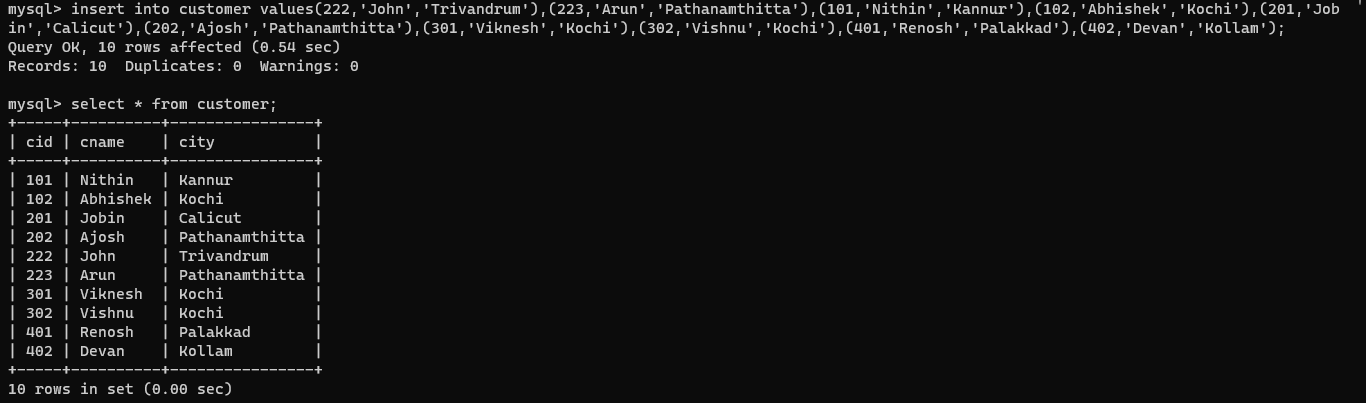


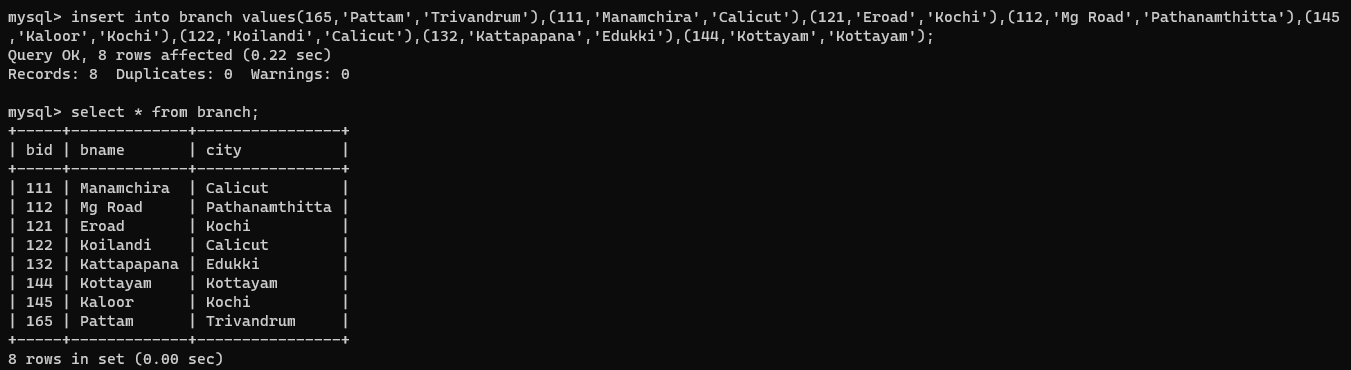


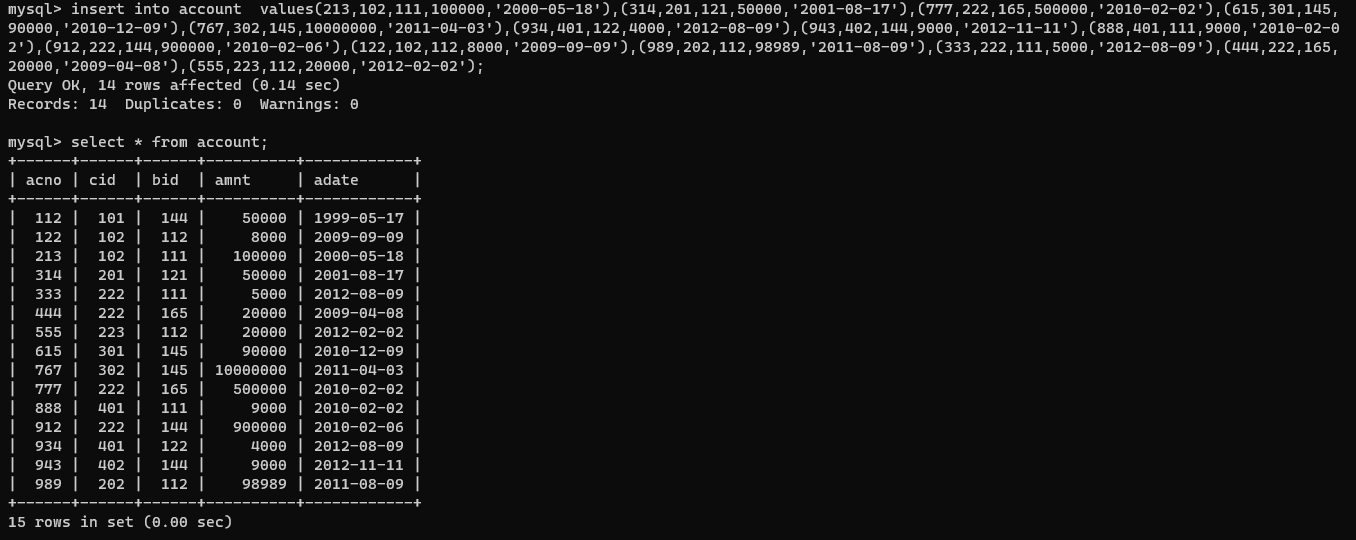


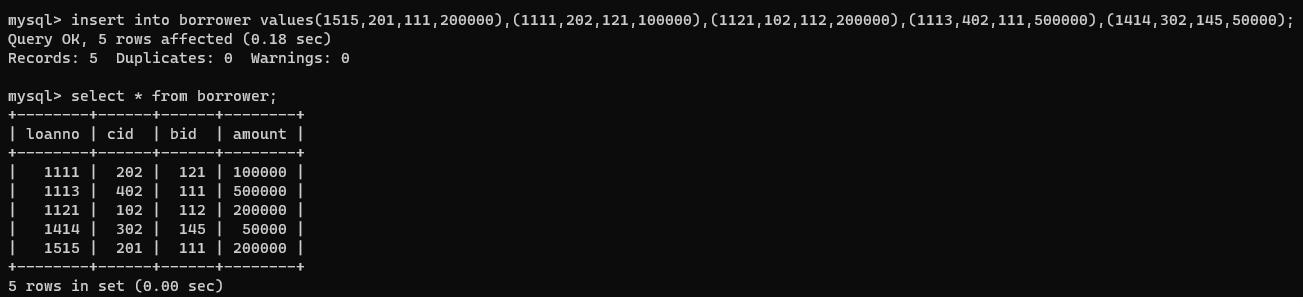




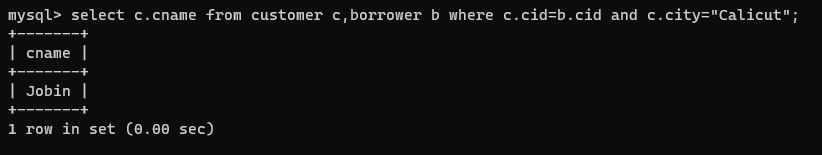


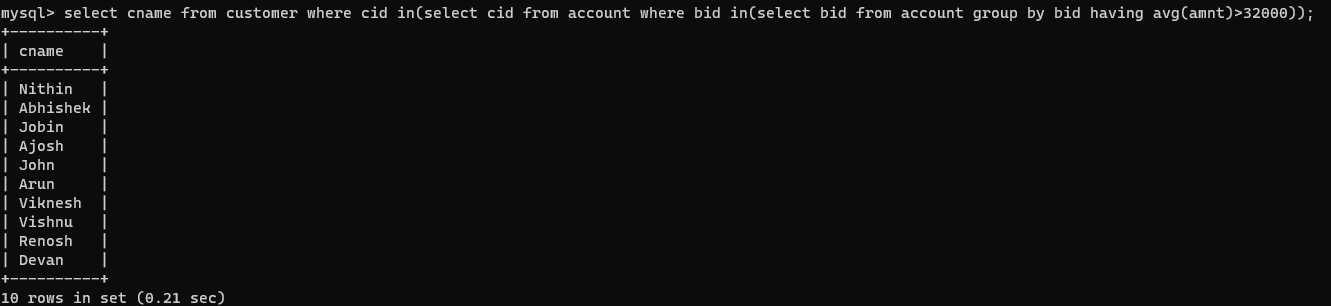


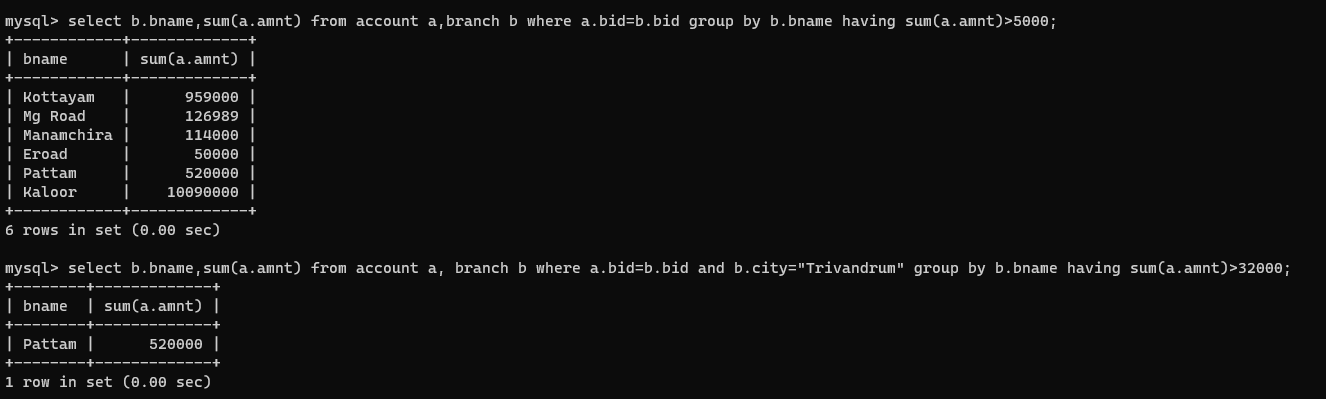


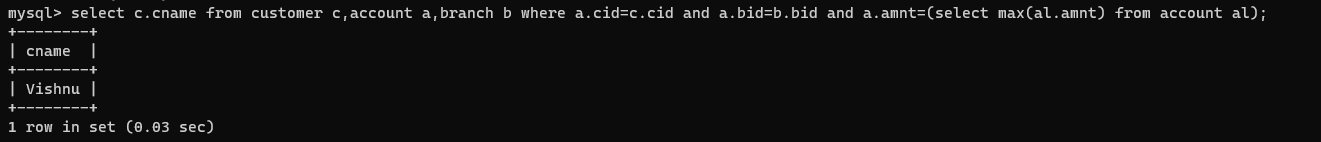


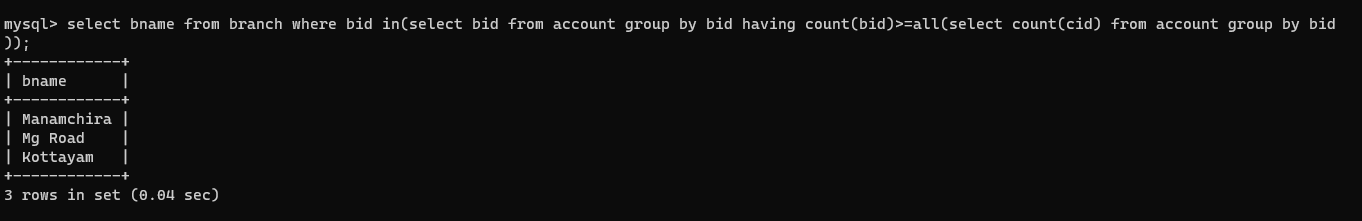


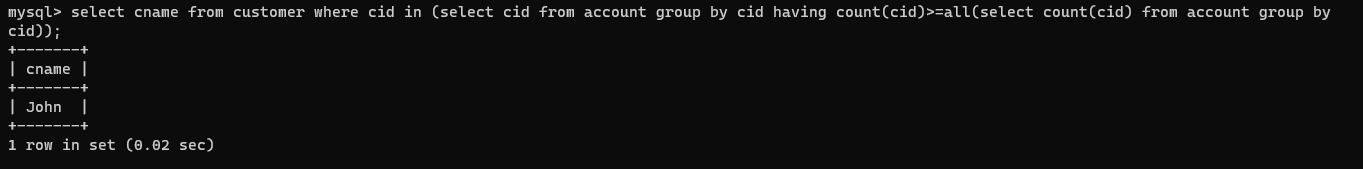


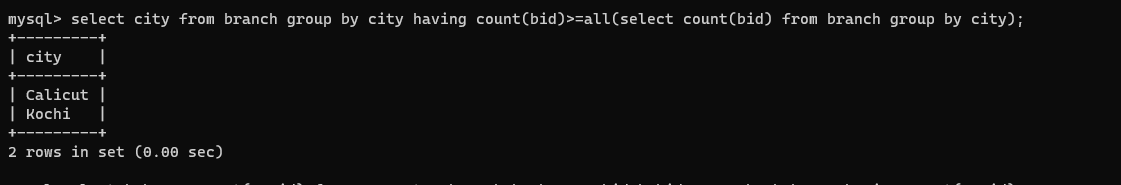


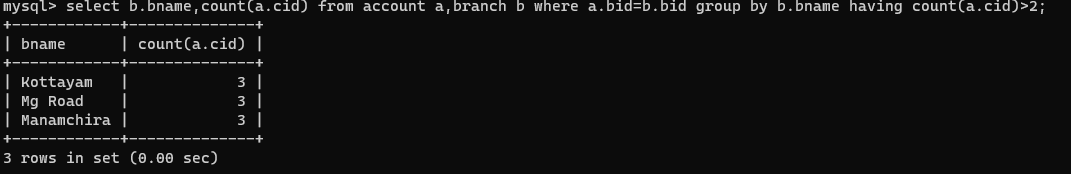


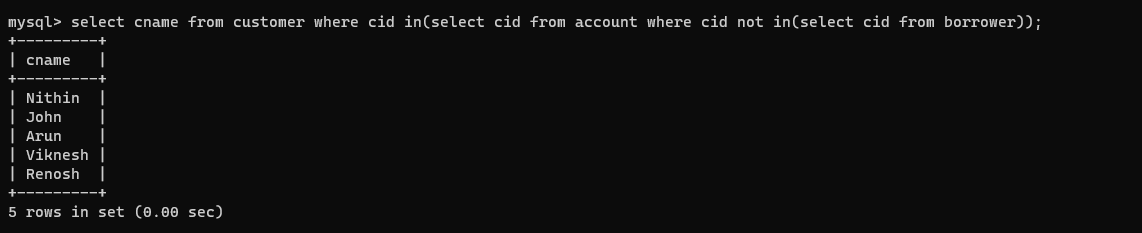


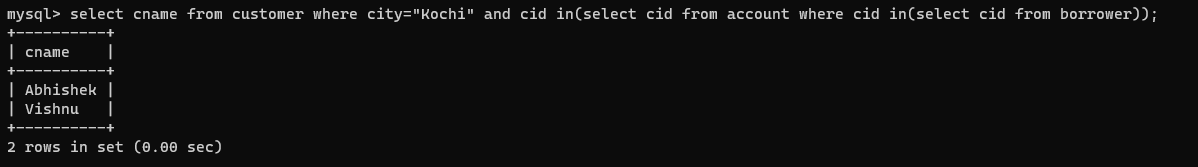


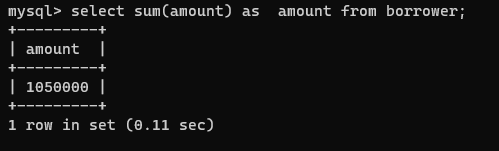


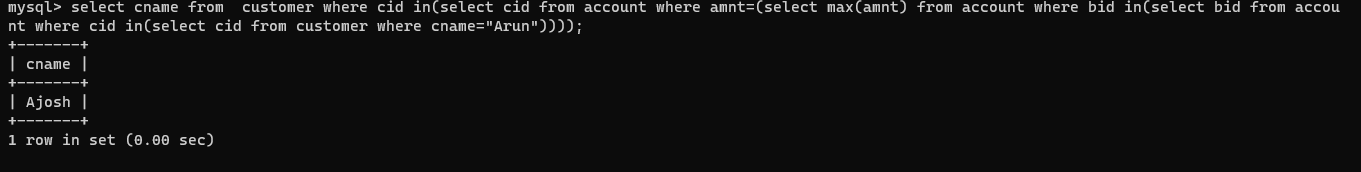






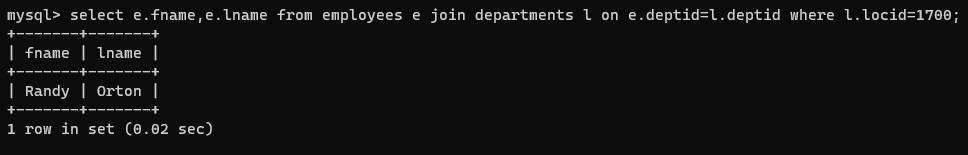




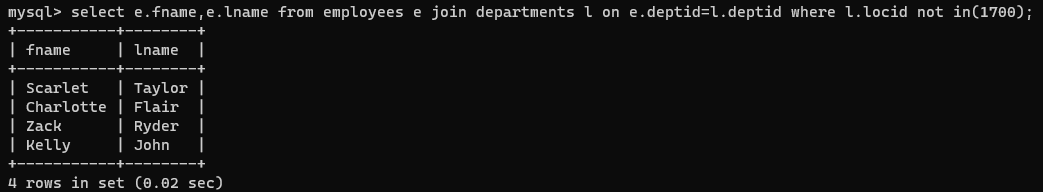


Employees table

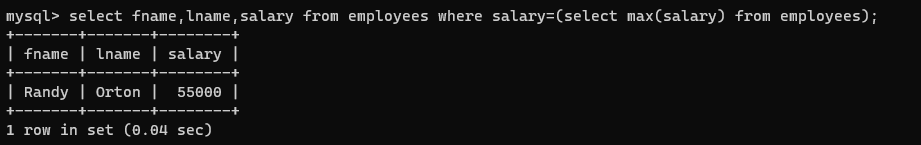
1. mysql> select e.fname,e.lname from employees e join departments l on e.deptid=l.deptid where l.locid=1700;



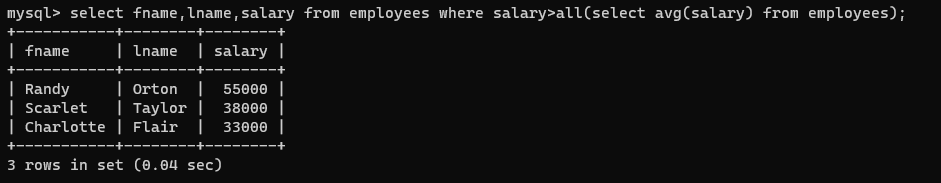
2. mysql> select e.fname,e.lname from employees e join departments l on e.deptid=l.deptid where l.locid not in(1700);

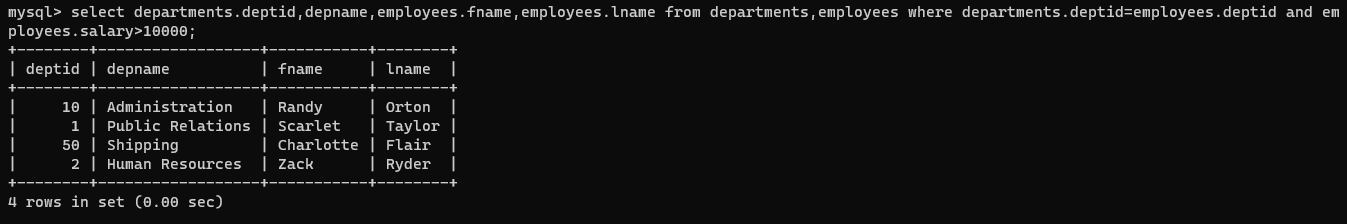


3. mysql> select fname,lname,salary from employees where salary=(select max(salary) from employees);

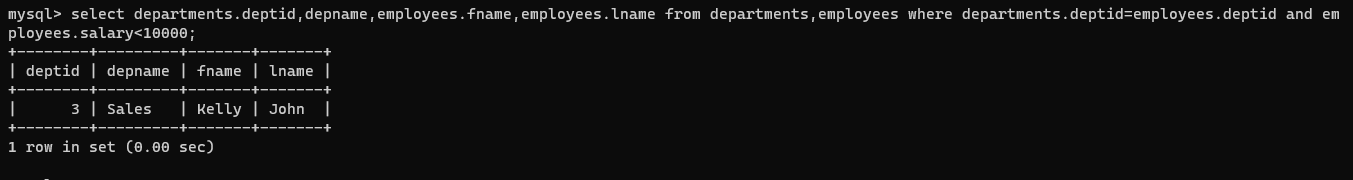


4. mysql> select fname,lname,salary from employees where salary>all(select avg(salary) from employees);



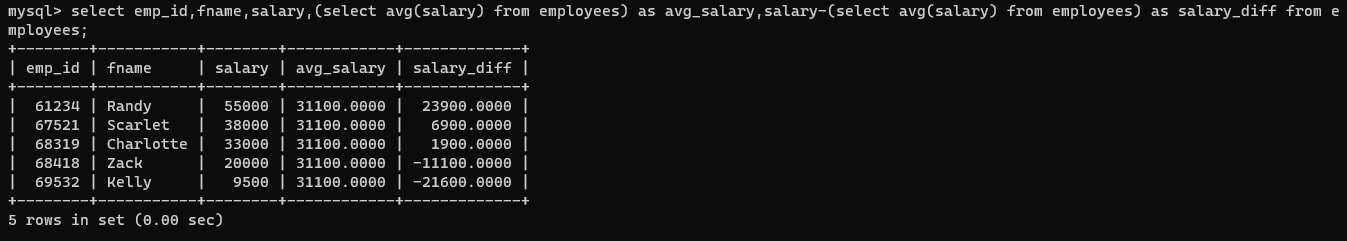
5. mysql> select departments.deptid,depname,employees.fname,employees.lname from departments,employees where departments.deptid=employees.deptid and employees.salary>10000; 

6. mysql> select departments.deptid,depname,employees.fname,employees.lname from departments,employees where departments.deptid=employees.deptid and employees.salary<10000;



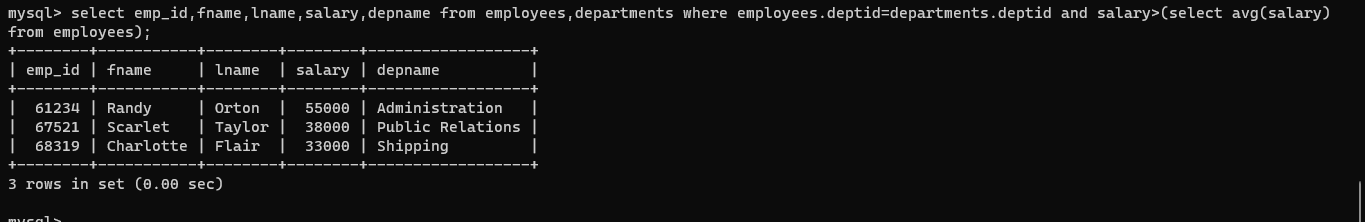
10.

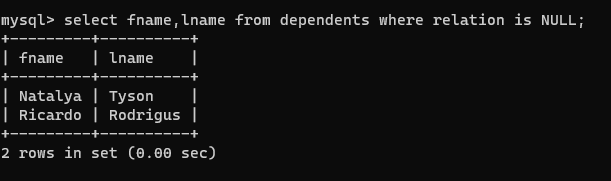
select emp\_id,fname,salary,(select avg(salary) from employees) as avg\_salary,salary-(select avg(salary) from employees) as salary\_diff from employees;



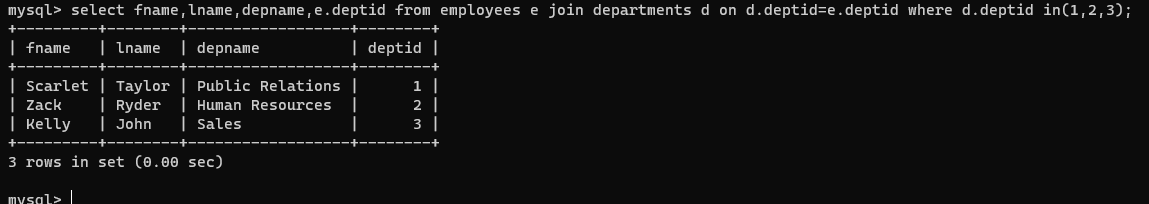
11.

mysql> select emp\_id,fname,lname,salary,depname from employees,departments where employees.deptid=departments.deptid and salary>(select avg(salary) from employees);

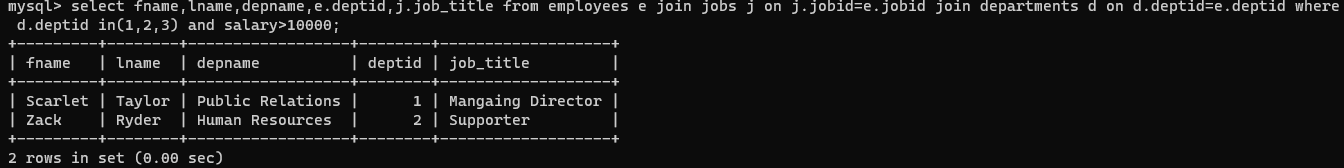


12. select fname,lname from dependents where relation is NULL;

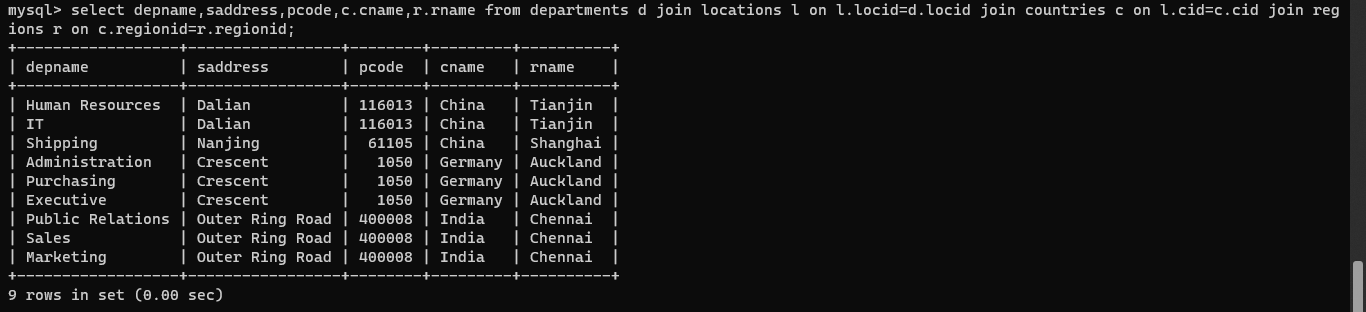
13. mysql> select fname,lname,depname,e.deptid from employees e join departments d on d.deptid=e.deptid where d.deptid in(1,2,3);



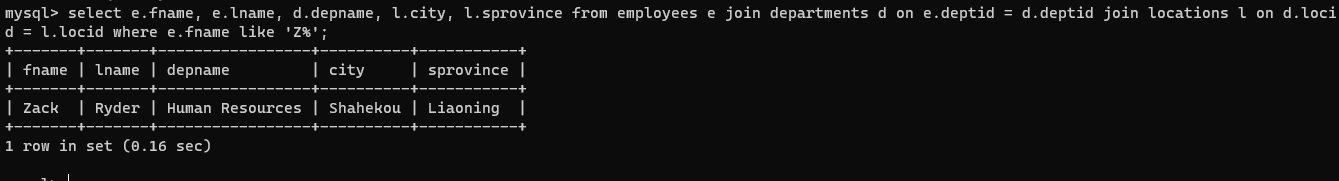
14. select fname,lname,depname,e.deptid,j.job\_title from employees e join jobs j on j.jobid=e.jobid join departments d on d.deptid=e.deptid where d.deptid in(1,2,3) and salary>10000;



15. select depname,saddress,pcode,c.cname,r.rname from departments d join locations l on l.locid=d.locid join countries c on l.cid=c.cid join regions r on c.regionid=r.regionid;

16.

17. select e.fname, e.lname, d.depname, l.city, l.sprovince from employees e join departments d on e.deptid = d.deptid join locations l on d.locid = l.locid where e.fname like 'Z%';



23. create view delhi\_employees as select ej.name,ej.employee\_id,ej.phone\_number,ej.job\_title,d.department\_name,ej.manager\_name from ( select concat(e.first\_name,' ',e.last\_name) as name,e.employee\_id,e.department\_id,e.phone\_number,j.job\_title,(select concat(first\_name, ' ' ,last\_name) as fullname from employees where employee\_id=e.manager\_id) as manager\_name from employees e join jobs j on j.job\_id=e.job\_id) ej join department d on d.department\_id=ej.department\_id ;

24. select name from delhi\_employees where job\_title like 'manager' and department\_name like 'finance';

25. update delhi\_employees set phone\_number=121121121 where name like 'Smith%';

26. select e.employee\_id,e.first\_name,e.last\_name,e.email,e.phone\_number,e.hire\_date,e.job\_id,e.salary,e.manager\_id,e.department\_id,d.dependent\_id from employees e left join dependents d on d.employee\_id=e.employee\_id where dependent\_id is null;

27. select employee\_id,first\_name,last\_name,email,phone\_number,manager\_id from employees where manager\_id=101 union select employee\_id,first\_name,last\_name,email,phone\_number,manager\_id from employees where manager\_id=201;

28. select ed.employee\_id,ed.first\_name,ed.last\_name,count(ed.employee\_id) as No\_of\_Dependents from (select e.employee\_id,e.first\_name,e.last\_name,d.dependent\_id from employees e join dependents d on e.employee\_id=d.employee\_id) ed group by e.employee\_id having No\_of\_Dependents>=1;