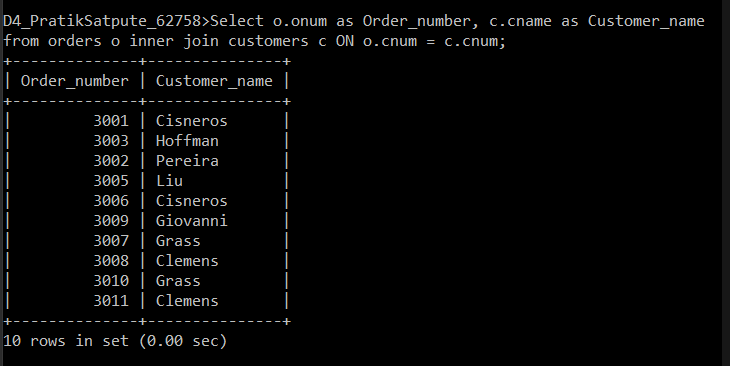
Assignment 07

**Based on Sales database**

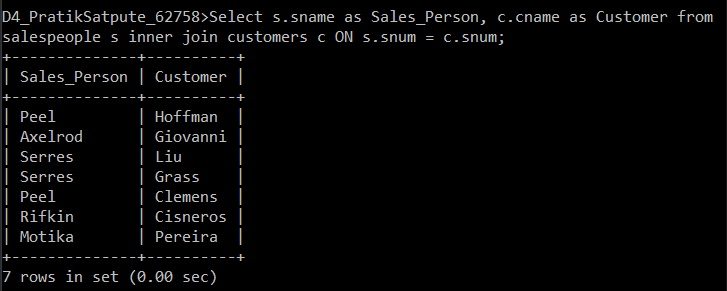
1. **Write a query that lists each order number followed by the name of the customer who made the order.**

**Ans :** Select o.onum as Order\_number, c.cname as Customer\_name from orders o inner join customers c ON o.cnum = c.cnum;



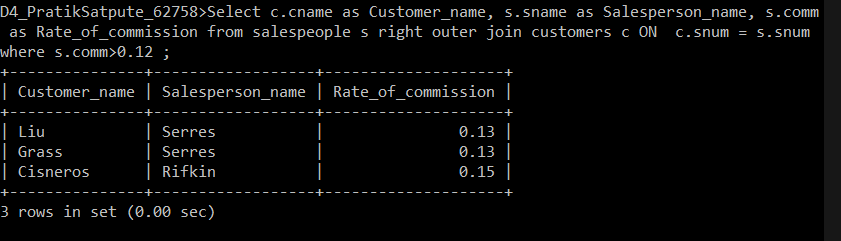
1. **Write a query that gives the names of both the salesperson and the customer for each order along with the order number.**

**Ans:** Select s.sname as Sales\_Person, c.cname as Customer from salespeople s inner join customers c ON s.snum = c.snum;



1. **Write a query that produces all customers serviced by salespeople with a commission above 12%. Output the customer’s name, the salesperson’s name, and the salesperson’s rate of commission.**

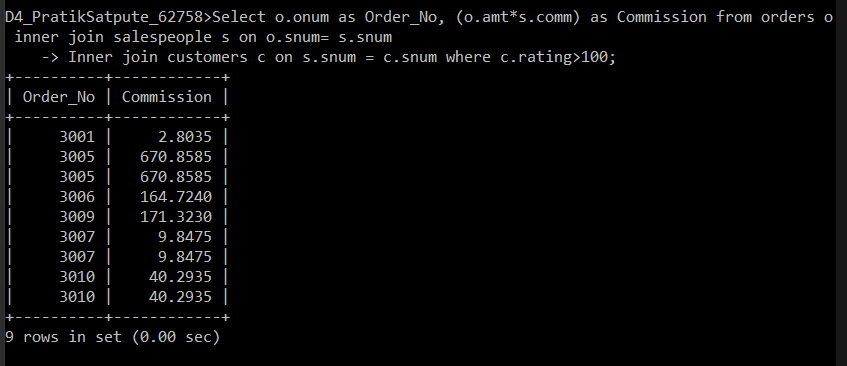
**Ans:** Select c.cname as Customer\_name, s.sname as Salesperson\_name, s.comm as Rate\_of\_commission from salespeople s right outer join customers c ON c.snum = s.snum where s.comm>0.12 ;



1. **Write a query that calculates the amount of the salesperson’s commission on each order by a customer with a rating above 100.**

**Ans :** Select o.onum as Order\_No, (o.amt\*s.comm) as Commission from orders o inner join salespeople s on o.snum= s.snum

Inner join customers c on s.snum = c.snum where c.rating>100;



1. **Write a query that produces all pairs of salespeople who are living in the same city.Exclude combinations of salespeople with themselves as well as duplicate rows with the order reversed**

**Ans.** Select s.sname , m.sname from salespeople s inner join salespeople m on s.city = m.city where s.snum!=m.snum limit 1;

