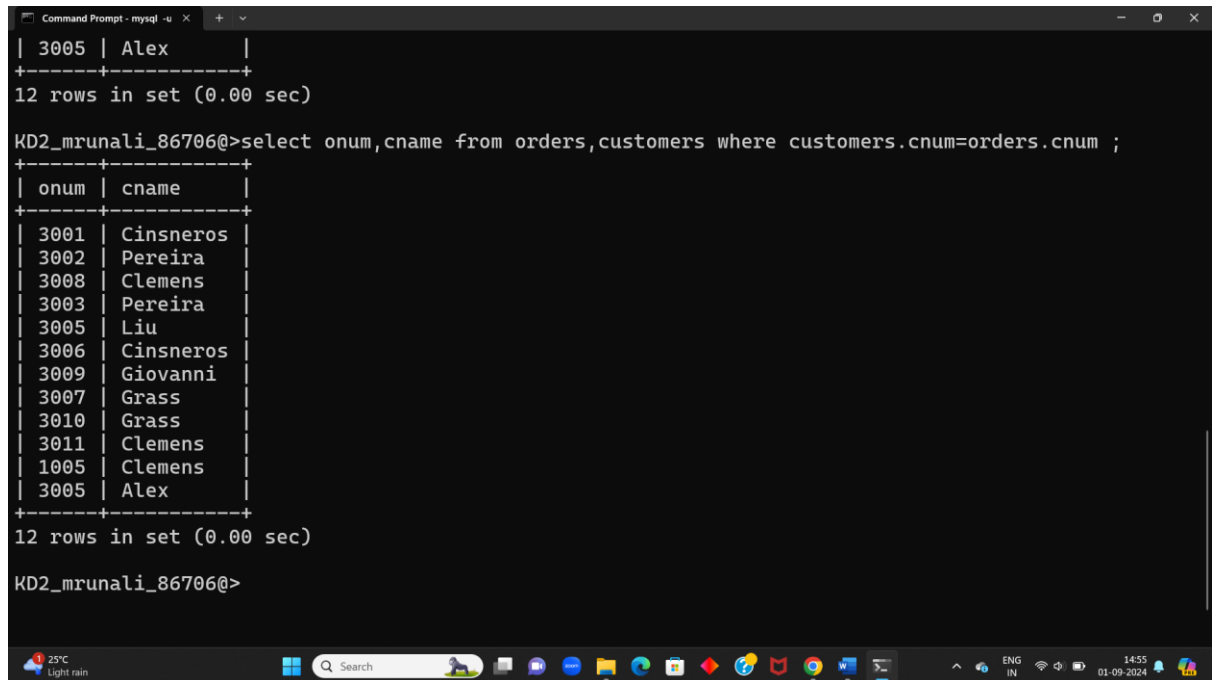


Assignment 09

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

Ans→ `select onum,cname from orders,customers where customers.cnum=orders.cnum ;`

```
Command Prompt - mysql -u + -  
| 3005 | Alex |  
+-----+-----+  
12 rows in set (0.00 sec)  
  
KD2_mrunali_86706@>select onum,cname from orders,customers where customers.cnum=orders.cnum ;  
+-----+-----+  
| onum | cname |  
+-----+-----+  
| 3001 | Cinsneros |  
| 3002 | Pereira |  
| 3008 | Clemens |  
| 3003 | Pereira |  
| 3005 | Liu |  
| 3006 | Cinsneros |  
| 3009 | Giovanni |  
| 3007 | Grass |  
| 3010 | Grass |  
| 3011 | Clemens |  
| 1005 | Clemens |  
| 3005 | Alex |  
+-----+-----+  
12 rows in set (0.00 sec)  
  
KD2_mrunali_86706@>
```



- 2) Write a query that gives the names of both the salesperson and the customer for each order along with the order number.?

Ans→

>select onum,cname,sname from orders,customers,salespeople where customers.cnum=orders.cnum and customers.snum=salespeople.snum ;

```
Command Prompt - mysql -u ...  
| 3005 | Alex | blex |  
+-----+-----+-----+  
12 rows in set (0.00 sec)  
  
KD2_mrunali_86706@>select onum,cname,sname from orders,customers,salespeople where customers.cnum=  
orders.cnum and customers.snum=salespeople.snum ;  
+-----+-----+-----+  
| onum | cname | sname |  
+-----+-----+-----+  
| 3002 | Pereira | Motika |  
| 3008 | Clemens | Peel |  
| 3003 | Pereira | Motika |  
| 3005 | Liu | Serres |  
| 3009 | Giovanni | Axelrod |  
| 3009 | Giovanni | Axelrod |  
| 3007 | Grass | Serres |  
| 3010 | Grass | Serres |  
| 3011 | Clemens | Peel |  
| 1005 | Clemens | Peel |  
| 3005 | Alex | cinthiya |  
| 3005 | Alex | blex |  
+-----+-----+-----+  
12 rows in set (0.00 sec)  
  
KD2_mrunali_86706@>
```

- 3) 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 cname,sname,rating from customers,salespeople where customers.snum=salespeople.snum and comm>0.12 ;

+-----+-----+-----+

```
Command Prompt - mysql -u x
KD2_mrunali_86706@>select cname,sname,rating from customers,salespeople where customers.snum=salespeople.snum and comm>0.12 ;
+-----+-----+-----+
| cname | sname | rating |
+-----+-----+-----+
| Liu   | Serres | 200    |
| Grass | Serres | 300    |
| Alex  | cinthiya | 50    |
| Alex  | blex   | 50     |
+-----+-----+-----+
4 rows in set (0.00 sec)

KD2_mrunali_86706@>select cname,sname,rating from customers,salespeople where customers.snum=salespeople.snum and comm>0.12 ;
+-----+-----+-----+
| cname | sname | rating |
+-----+-----+-----+
| Liu   | Serres | 200    |
| Grass | Serres | 300    |
| Alex  | cinthiya | 50    |
| Alex  | blex   | 50     |
+-----+-----+-----+
4 rows in set (0.00 sec)

KD2_mrunali_86706@>
```

- 4) 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 onum,orders.snum,amt*comm,comm,rating from orders,salespeople,customers
where

orders.snum=customers.snum and orders.snum=salespeople.snum having rating >100
order by snum;

```
Command Prompt - mysql -u +
orders
salespeople
sdept
semp
star
-----
11 rows in set (0.01 sec)

KD2_mrinali_86706@>select onum,orders.snum,amt*comm,comm,rating from orders,salespeople,customers where
-> orders.snum=customers.snum and orders.snum=salespeople.snum having rating >100 order by snum;
+-----+-----+-----+-----+-----+
| onum | snum | amt*comm | comm | rating |
+-----+-----+-----+-----+-----+
| 3005 | 1002 | 670.8585007836809 | 0.13 | 200 |
| 3005 | 1002 | 670.8585007836809 | 0.13 | 300 |
| 3007 | 1002 | 9.847499638795853 | 0.13 | 200 |
| 3007 | 1002 | 9.847499638795853 | 0.13 | 300 |
| 3010 | 1002 | 170.29348740601563 | 0.13 | 200 |
| 3010 | 1002 | 170.29348740601563 | 0.13 | 300 |
| 3009 | 1003 | 171.3230005997866 | 0.1 | 200 |
| 3009 | 1003 | 171.3230005997866 | 0.1 | 200 |
+-----+-----+-----+-----+-----+
8 rows in set (0.00 sec)

KD2_mrinali_86706@>
KD2_mrinali_86706@>
```

