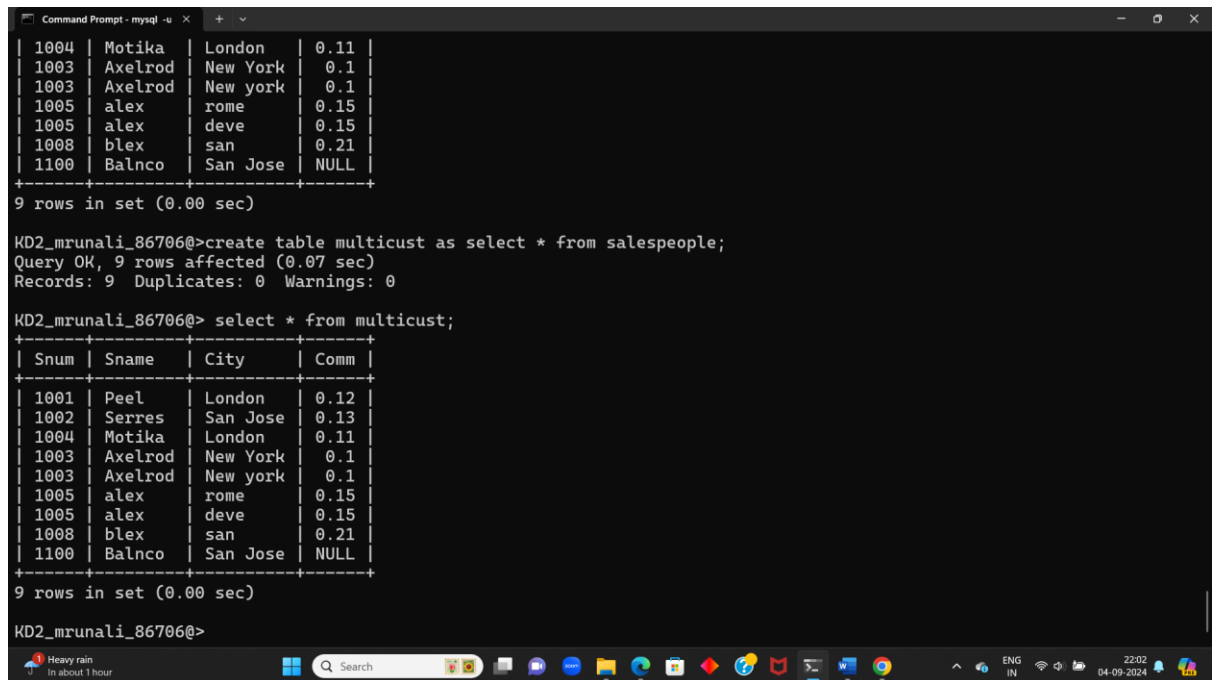


# Assignment 15

- 1) Assume there is a table called Multicust, with all of the same column definitions as Salespeople. Write a command that inserts all salespeople with more than one customer into this table.?

Ans→create table multicust as select \* from salespeople;

```
Command Prompt - mysql -u + -  
+-----+  
| 1004 | Motika | London | 0.11 |  
| 1003 | Axelrod | New York | 0.1 |  
| 1003 | Axelrod | New york | 0.1 |  
| 1005 | alex | rome | 0.15 |  
| 1005 | alex | deve | 0.15 |  
| 1008 | blex | san | 0.21 |  
| 1100 | Balnco | San Jose | NULL |  
+-----+  
9 rows in set (0.00 sec)  
  
KD2_mrunali_86706@>create table multicust as select * from salespeople;  
Query OK, 9 rows affected (0.07 sec)  
Records: 9 Duplicates: 0 Warnings: 0  
  
KD2_mrunali_86706@> select * from multicust;  
+-----+  
| Snum | Sname | City | Comm |  
+-----+  
| 1001 | Peel | London | 0.12 |  
| 1002 | Serres | San Jose | 0.13 |  
| 1004 | Motika | London | 0.11 |  
| 1003 | Axelrod | New York | 0.1 |  
| 1003 | Axelrod | New york | 0.1 |  
| 1005 | alex | rome | 0.15 |  
| 1005 | alex | deve | 0.15 |  
| 1008 | blex | san | 0.21 |  
| 1100 | Balnco | San Jose | NULL |  
+-----+  
9 rows in set (0.00 sec)  
  
KD2_mrunali_86706@>
```



- 2) Write a command that deletes all customers with no current orders?  
Ans→delete from customers where cnum not in(select cnum from orders);

```
Command Prompt - mysql -u x
+-----+
| 2004 | Grass | Berlin | 300 | 1004 |
| 2008 | Cinsneros | San Jose | 300 | 1007 |
| 2006 | Clemens | London | 100 | 1001 |
| 2007 | Pereira | Rome | 200 | 1004 |
| 2005 | Alex | san | 50 | 1008 |
| 1005 | bob | rome | 150 | 1006 |
| 1006 | sam | Lahor | 100 | 1001 |
+-----+
10 rows in set (0.00 sec)

KD2_mrunali_86706@>delete from customers where cnum not in(select cnum from orders);
Query OK, 4 rows affected (0.01 sec)

KD2_mrunali_86706@>select * from customers;
+-----+
| Cnum | Cname | City | Rating | Snum |
+-----+
| 2002 | Giovanni | Rome | 300 | 1003 |
| 2003 | Liu | San Jose | 200 | 1004 |
| 2004 | Grass | Berlin | 300 | 1004 |
| 2008 | Cinsneros | San Jose | 300 | 1007 |
| 2007 | Pereira | Rome | 200 | 1004 |
| 2005 | Alex | san | 50 | 1008 |
+-----+
6 rows in set (0.00 sec)

KD2_mrunali_86706@>select cnum from orders where cnum=(select cnum from customers where cnum is not );
```

3) Write a command that increases by twenty percent the commissions of all salespeople with total orders above Rs. 3,000.?

Ans→

update salespeople set comm=comm\*0.20 where snum=(select cnum from orders where amt>3000);

```
Command Prompt - mysql -u x
KD2_mrunali_86706@>update salespeople set comm=comm*0.20 where snum=(select cnum from orders where amt>3000);
Query OK, 0 rows affected (0.00 sec)
Rows matched: 0  Changed: 0  Warnings: 0

KD2_mrunali_86706@>select * from salespeople;
+-----+-----+-----+-----+
| Snum | Sname | City | Comm |
+-----+-----+-----+-----+
| 1001 | Peel | London | 0.12 |
| 1002 | Serres | San Jose | 0.13 |
| 1004 | Motika | London | 0.11 |
| 1003 | Axelrod | New York | 0.1 |
| 1003 | Axelrod | New york | 0.1 |
| 1005 | alex | rome | 0.15 |
| 1005 | alex | deve | 0.15 |
| 1008 | blex | san | 0.21 |
| 1100 | Balnco | San Jose | NULL |
+-----+-----+-----+-----+
9 rows in set (0.00 sec)

KD2_mrunali_86706@>update salespeople set comm=comm*0.20 where snum=(select cnum from orders where amt>3000);
Query OK, 0 rows affected (0.00 sec)
Rows matched: 0  Changed: 0  Warnings: 0

KD2_mrunali_86706@>select * from salespeople;
+-----+-----+-----+-----+
| Snum | Sname | City | Comm |
+-----+-----+-----+-----+
| 1001 | Peel | London | 0.12 |
| 1002 | Serres | San Jose | 0.13 |
| 1004 | Motika | London | 0.11 |
+-----+-----+-----+-----+
```