

Assignment 06

- 1) Write two different queries that would produce all orders taken on October 3rd or 4th, 1990.?

Ans→

```
Command Prompt - mysql -u +
| 3010 | 1309.95 | 1990-10-06 | 2004 | 1002 |
| 3011 | 9891.88 | 1990-10-06 | 2006 | 1001 |
+-----+-----+-----+-----+
10 rows in set (0.00 sec)

KD2_mrunali_86706@>select * from orders where odate='1990-10-03' or odate='1990-10-04';
+-----+-----+-----+-----+-----+
| Onum | Amt   | Odate   | Cnum | Snum |
+-----+-----+-----+-----+-----+
| 3001 | 18.69 | 1990-10-03 | 2008 | 1007 |
| 3002 | 1900.10 | 1990-10-03 | 2007 | 1004 |
| 3003 | 767.19 | 1990-10-03 | 2007 | 1001 |
| 3005 | 5160.45 | 1990-10-03 | 2003 | 1002 |
| 3006 | 1098.16 | 1990-10-03 | 2008 | 1007 |
| 3009 | 1713.23 | 1990-10-04 | 2002 | 1003 |
| 3007 | 75.75 | 1990-10-04 | 2004 | 1002 |
+-----+-----+-----+-----+-----+
7 rows in set (0.00 sec)

KD2_mrunali_86706@>
```

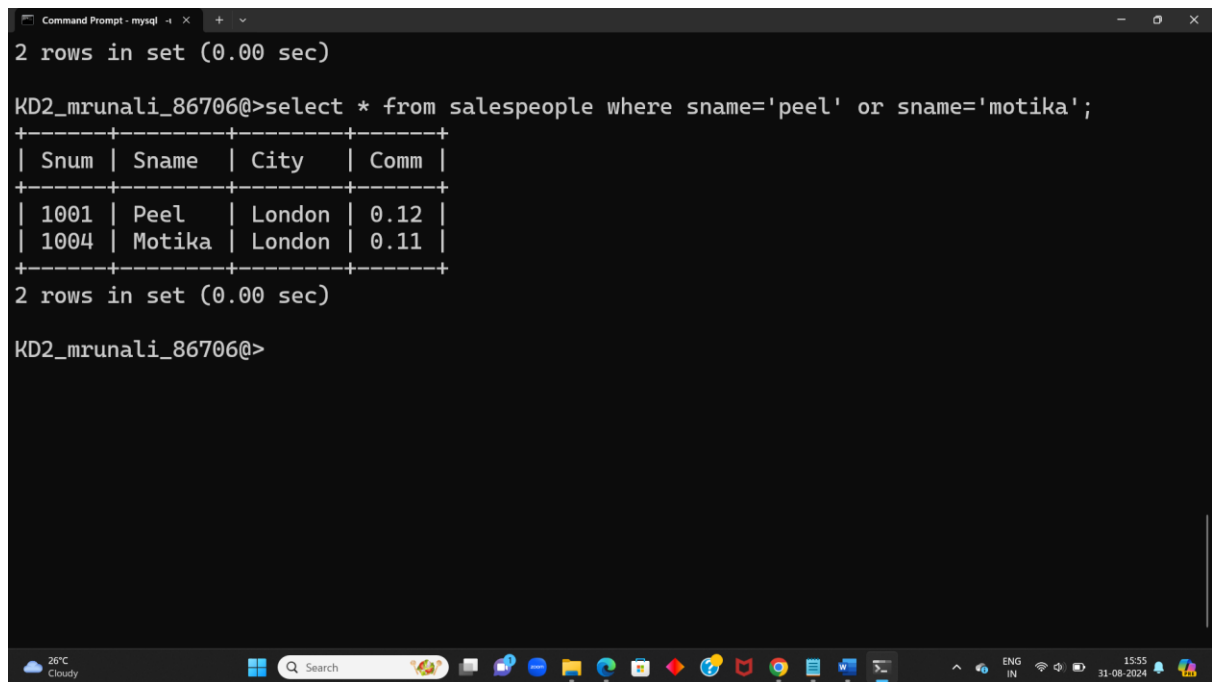
2) Write a query that selects all of the customers serviced by Peel or Motika. (Hint: the snum field relates the two tables to one another).?

Ans → `select * from salespeople where sname='peel' or sname='motika';`

```
Command Prompt - mysql -i x + v
2 rows in set (0.00 sec)

KD2_mrunali_86706@>select * from salespeople where sname='peel' or sname='motika';
+-----+-----+-----+-----+
| Snum | Sname | City  | Comm |
+-----+-----+-----+-----+
| 1001 | Peel  | London | 0.12 |
| 1004 | Motika | London | 0.11 |
+-----+-----+-----+-----+
2 rows in set (0.00 sec)

KD2_mrunali_86706@>
```



3) Write a query that will produce all the customers whose names begin with a letter from 'A' to 'G'.

Ans → select * from salespeople where Sname between 'A' and 'G';

```
Command Prompt - mysql -i x + v
| 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 |
+-----+-----+-----+-----+
5 rows in set (0.00 sec)

KD2_mrunali_86706@>select * from salespeople where Sname between 'A' and 'G';
+-----+-----+-----+-----+
| Snum | Sname | City | Comm |
+-----+-----+-----+-----+
| 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 |
+-----+-----+-----+-----+
5 rows in set (0.00 sec)

KD2_mrunali_86706@>
```

4) Write a query that selects all customers whose names begin with the letter 'C'.

Ans→ select * from salespeople where Sname like 'C%';

```
Command Prompt - mysql
+-----+-----+-----+-----+
| Snum | Sname | City | Comm |
+-----+-----+-----+-----+
| 1009 | com   | London | 0.26 |
| 1008 | cinthiya | London | 0.28 |
+-----+-----+-----+-----+
2 rows in set (0.00 sec)

KD2_mrunali_86706@>select * from salespeople where Sname like 'C%';
+-----+-----+-----+-----+
| Snum | Sname | City | Comm |
+-----+-----+-----+-----+
| 1009 | com   | London | 0.26 |
| 1008 | cinthiya | London | 0.28 |
+-----+-----+-----+-----+
2 rows in set (0.00 sec)

KD2_mrunali_86706@>
```

5) Write a query that selects all orders except those with zeroes or NULLs in the amt field.?

Ans→ select * from orders where amt is not null and amt!=0 ;

```
Command Prompt - mysql
10 rows in set (0.00 sec)

KD2_mrunali_86706@>select * from orders where amt is not null and amt!=0 ;
+-----+-----+-----+-----+-----+
| Onum | Amt   | Odate   | Cnum | Snum |
+-----+-----+-----+-----+-----+
| 3001 | 18.69 | 1990-10-03 | 2008 | 1007 |
| 3002 | 1900.10 | 1990-10-03 | 2007 | 1004 |
| 3008 | 4723.00 | 1990-10-05 | 2006 | 1001 |
| 3003 | 767.19 | 1990-10-03 | 2007 | 1001 |
| 3005 | 5160.45 | 1990-10-03 | 2003 | 1002 |
| 3006 | 1098.16 | 1990-10-03 | 2008 | 1007 |
| 3009 | 1713.23 | 1990-10-04 | 2002 | 1003 |
| 3007 | 75.75 | 1990-10-04 | 2004 | 1002 |
| 3010 | 1309.95 | 1990-10-06 | 2004 | 1002 |
| 3011 | 9891.88 | 1990-10-06 | 2006 | 1001 |
+-----+-----+-----+-----+-----+
10 rows in set (0.00 sec)

KD2_mrunali_86706@>
```

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