DBT Assignment 6

Using Special Operators in Conditions.

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

SELECT * FROM Orders

WHERE odate = '1990-10-03' OR odate = '1990-10-04';

```
1 •    USE sales_db;
2 •    SELECT * FROM Orders
3      WHERE odate = '1990-10-03' OR odate = '1990-10-04';
4
5
6
7
```

Result Grid		Filter Rows:		Edit:	Exp

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	2001	1001
3005	5160.45	1990-10-03	2003	1002
3006	1098.16	1990-10-03	2008	1007
3007	75.75	1990-10-04	2004	1002
3009	1713.23	1990-10-04	2002	1003
NULL	NULL	NULL	NULL	NULL

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).

SELECT c.*

FROM Customers c

JOIN Salespeople s ON c.snum = s.snum

WHERE s.sname IN ('Peel', 'Motika');

```
1 •    USE sales_db;
2 •    SELECT c.*
3      FROM Customers c
4      JOIN Salespeople s ON c.snum = s.snum
5      WHERE s.sname IN ('Peel', 'Motika');
6      |
7
```

sult Grid | ⊞ ↻ Filter Rows: [   ] | Export:

Cnum	Cname	City	Rating	Snum
2001	Hoffman	London	100	1001
2006	Clemens	London	100	1001
2007	Pereira	Rome	100	1004

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

SELECT *

FROM Customers

WHERE Cname BETWEEN 'A' AND 'G%';

```
1 •    USE sales_db;
2 •    SELECT *
3      FROM Customers
4      WHERE Cname BETWEEN 'A' AND 'G%';
5
6
7
```

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Cnum	Cname	City	Rating	Snum
2006	Clemens	London	100	1001
2008	Cisneros	San Jose	300	1007
NULL	NULL	NULL	NULL	NULL

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

SELECT *

FROM Customers

WHERE Cname LIKE 'C%';

```
1 •    USE sales_db;
2 •    SELECT *
3      FROM Customers
4      WHERE Cname LIKE 'C%';
5
6
7
```

Result Grid | Filter Rows:

Cnum	Cname	City	Rating	Snum
2006	Clemens	London	100	1001
2008	Cisneros	San Jose	300	1007
NULL	NULL	NULL	NULL	NULL

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

SELECT *

FROM Orders

WHERE amt IS NOT NULL AND amt <> 0;

```
1 •    USE sales_db;
2 •    SELECT *
3      FROM Orders
4      WHERE amt IS NOT NULL AND amt <> 0;
5
6
7
```

Result Grid | ▦ | ↩ Filter Rows: | | Edit:

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	2001	1001
3005	5160.45	1990-10-03	2003	1002
3006	1098.16	1990-10-03	2008	1007
3007	75.75	1990-10-04	2004	1002
3008	4723.00	1990-10-05	2006	1001
3009	1713.23	1990-10-04	2002	1003
3010	1309.95	1990-10-06	2004	1002
3011	9891.88	1990-10-06	2006	1001
NULL	NULL	NULL	NULL	NULL