

Q1) Write two different queries that would produce all orders taken on October 3rd or 4th, 1990.

⇒ select *from orders where odate between '1990-10-03'and'1990-10-04';

```
KD3_86734_Omkar@>select *from orders where odate between '1990-10-03'and'1990-10-04';
```

onum	amt	odate	cnum	snum
3001	18.69	1990-10-03	2008	1007
3003	767.19	1990-10-03	2001	1001
3002	1900.10	1990-10-03	2007	1004
3005	5160.45	1990-10-03	2003	1002
3006	1098.16	1990-10-03	2008	1002
3009	1713.23	1990-10-04	2002	1003
3007	75.75	1990-10-04	2004	1002

7 rows in set (0.00 sec)

select *from orders where (odate='1990-10-03')or (odate='1990-10-04');

```
KD3_86734_Omkar@>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
3003	767.19	1990-10-03	2001	1001
3002	1900.10	1990-10-03	2007	1004
3005	5160.45	1990-10-03	2003	1002
3006	1098.16	1990-10-03	2008	1002
3009	1713.23	1990-10-04	2002	1003
3007	75.75	1990-10-04	2004	1002

7 rows in set (0.00 sec)

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).

```
KD3_86734_Omkar@>select *from customers where snum=1001 or snum=1004;
```

cnum	cname	city	rating	snum
2001	Hoffman	London	100	1001
2006	Clemens	Lomdon	100	1001
2007	Pereira	Rome	100	1004

3 rows in set (0.00 sec)

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

```
KD3_86734_Omkar@>select *from customers where cname between 'A%' AND 'G%';
+-----+-----+-----+-----+-----+
| cnum | cname   | city    | rating | snum |
+-----+-----+-----+-----+-----+
| 2006 | Clemens | Lomdon  | 100    | 1001 |
| 2008 | Cisneros | San Jose | 300    | 1007 |
+-----+-----+-----+-----+-----+
2 rows in set (0.00 sec)
```

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

```
KD3_86734_Omkar@>select * from customers where cname like 'C%';
+-----+-----+-----+-----+-----+
| cnum | cname   | city    | rating | snum |
+-----+-----+-----+-----+-----+
| 2006 | Clemens | Lomdon  | 100    | 1001 |
| 2008 | Cisneros | San Jose | 300    | 1007 |
+-----+-----+-----+-----+-----+
2 rows in set (0.00 sec)
```

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

```
KD3_86734_Omkar@>select * from orders where amt is not null;
+-----+-----+-----+-----+-----+
| onum | amt      | odate      | cnum | snum |
+-----+-----+-----+-----+-----+
| 3001 | 18.69    | 1990-10-03 | 2008 | 1007 |
| 3003 | 767.19   | 1990-10-03 | 2001 | 1001 |
| 3002 | 1900.10  | 1990-10-03 | 2007 | 1004 |
| 3005 | 5160.45  | 1990-10-03 | 2003 | 1002 |
| 3006 | 1098.16  | 1990-10-03 | 2008 | 1002 |
| 3009 | 1713.23  | 1990-10-04 | 2002 | 1003 |
| 3007 | 75.75    | 1990-10-04 | 2004 | 1002 |
| 3008 | 4723.00  | 1990-10-05 | 2006 | 1001 |
| 3010 | 1309.95  | 1990-10-06 | 2004 | 1002 |
| 3011 | 9891.88  | 1990-10-06 | 2006 | 1001 |
+-----+-----+-----+-----+-----+
10 rows in set (0.00 sec)
```