

Assignment 06

KD1-Indrajeet-86641

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

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

```
KD1-Indrajeet-86641@>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	1007
3009	1713.23	1990-10-04	2002	1003
3007	75.75	1990-10-04	2004	1002
3008	4723.00	1990-10-04	2006	1001
3010	309.95	1990-10-04	2004	1002
3011	9891.88	1990-10-04	2006	1001

10 rows in set (0.00 sec)

2) select * from orders where odate > '1990-10-02' and odate < '1990-10-05';

```
KD1-Indrajeet-86641@>select * from orders where odate > '1990-10-02' and odate < '1990-10-05';
```

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	1007
3009	1713.23	1990-10-04	2002	1003
3007	75.75	1990-10-04	2004	1002
3008	4723.00	1990-10-04	2006	1001
3010	309.95	1990-10-04	2004	1002
3011	9891.88	1990-10-04	2006	1001

10 rows in set (0.00 sec)

Q2. 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 cname, sname from customers, salespeople where customers.snum = salespeople.snum and salespeople.snum in ('1004','1001');**

```
KD1-Indrajeet-86641@>select cname, sname from customers, salespeople
-> where customers.snum = salespeople.snum and salespeople.snum in ('1004','1001');
+-----+-----+
| cname | sname |
+-----+-----+
| Hoffman | Peel |
| Clemens | Peel |
| Pereira | Motika |
+-----+-----+
3 rows in set (0.00 sec)
```

Q3. Write a query that will produce all the customers whose names begin with a letter from 'A' to 'G'.

➔ **Answer1: select * from customers where ascii(cname) > 64 and ascii(cname) < 73;**

```
KD1-Indrajeet-86641@>select * from customers where ascii(cname) > 64 and ascii(cname) < 72;
+-----+-----+-----+-----+-----+
| cnum | cname | city | rating | snum |
+-----+-----+-----+-----+-----+
| 2002 | Giovanni | Rome | 200 | 1003 |
| 2004 | Grass | Berlin | 300 | 1002 |
| 2006 | Clemens | London | 100 | 1001 |
| 2008 | Cisneros | San Jose | 300 | 1007 |
+-----+-----+-----+-----+-----+
4 rows in set (0.04 sec)
```

Answer 2: Select * from customers where cname between 'a' and 'h';

Q4. Write a query that selects all customers whose names begin with the letter 'C'.

➔ **select * from customers where cname like 'C%';**

```
KD1-Indrajeet-86641@>select * from customers where cname like 'C%';
+-----+-----+-----+-----+-----+
| cnum | cname | city | rating | snum |
+-----+-----+-----+-----+-----+
| 2006 | Clemens | London | 100 | 1001 |
| 2008 | Cisneros | San Jose | 300 | 1007 |
+-----+-----+-----+-----+-----+
2 rows in set (0.00 sec)
```

Q5. 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;**

```
KD1-Indrajeet-86641@>select * from orders where amt is not null and amt != 0;
+-----+-----+-----+-----+-----+
| 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 | 1007 |
| 3009 | 1713.23 | 1990-10-04 | 2002 | 1003 |
| 3007 | 75.75 | 1990-10-04 | 2004 | 1002 |
| 3008 | 4723.00 | 1990-10-04 | 2006 | 1001 |
| 3010 | 309.95 | 1990-10-04 | 2004 | 1002 |
| 3011 | 9891.88 | 1990-10-04 | 2006 | 1001 |
+-----+-----+-----+-----+-----+
10 rows in set (0.00 sec)
```