

SQL Assignment 06

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

```
D5_Shaurya_83785>select * from ORDERS where Odate = '1990-10-03' || 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

7 rows in set, 1 warning (0.00 sec)

```
D5_Shaurya_83785>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

7 rows in set (0.00 sec)

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

```
D5_Shaurya_83785>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)

```
D5_Shaurya_83785>select * from CUSTOMERS where SNUM = 1001 OR SNUM = 1004;
```

CNUM	CNAME	CITY	RATING	SNUM
2001	Hoffman	London	100	1001
2006	Clemens	London	100	1001
2007	Pereira	Rome	100	1004

3 rows in set (0.00 sec)

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

```
D5_Shaurya_83785>select * from CUSTOMERS where CNAME BETWEEN 'A' AND 'H';
+-----+-----+-----+-----+-----+
| CNUM | CNAME      | CITY      | RATING | SNUM |
+-----+-----+-----+-----+-----+
| 2002 | Giovanni   | Rome      | 200    | 1003 |
| 2004 | Grass      | Berlin    | 300    | 1002 |
| 2006 | Clemens    | London    | 100    | 1001 |
| 2008 | Clisneros  | San Jose  | 300    | 1007 |
+-----+-----+-----+-----+-----+
4 rows in set (0.00 sec)
```

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

```
D5_Shaurya_83785>select * from CUSTOMERS where CNAME LIKE 'C%';
+-----+-----+-----+-----+-----+
| CNUM | CNAME      | CITY      | RATING | SNUM |
+-----+-----+-----+-----+-----+
| 2006 | Clemens    | London    | 100    | 1001 |
| 2008 | Clisneros  | San Jose  | 300    | 1007 |
+-----+-----+-----+-----+-----+
2 rows in set (0.01 sec)
```

Q.5 Write a query that selects all orders except those with zeroes or nulls in the Amt field.

```
D5_Shaurya_83785>select * from ORDERS where NOT (Amt = 0 OR Amt = '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 | 1007 |
| 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, 1 warning (0.00 sec)
```

