

## Assignment 5

QUE 1). Write a query that will give you all orders for more than Rs. 1,000.

```
KD3_86710_Tanmay@>select * from orders where amt>1000;
+-----+-----+-----+-----+-----+
| onum | amt   | odate   | cnum | snum |
+-----+-----+-----+-----+-----+
| 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 |
| 3008 | 4723.00 | 1990-10-05 | 2006 | 1001 |
| 3010 | 1309.95 | 1990-10-06 | 2004 | 1002 |
| 3011 | 9891.88 | 1990-10-06 | 2006 | 1001 |
+-----+-----+-----+-----+-----+
7 rows in set (0.00 sec)
```

QUE 2). Write a query that will give you the names and cities of all salespeople in London with a commission above .10.

```
KD3_86710_Tanmay@>select Sname,city from salespeople where city='london' and comm>.10;
+-----+-----+
| Sname | city |
+-----+-----+
| peel  | london |
| motika | london |
+-----+-----+
2 rows in set (0.00 sec)
```

QUE 3). Write a query on the Customers table whose output will exclude all customers with a rating <= 100, unless they are located in Rome.

```
KD3_86710_Tanmay@>select * from customers where Rating<100 or city = 'rome';
+-----+-----+-----+-----+-----+
| Cnum | Cname   | city | Rating | Snum |
+-----+-----+-----+-----+-----+
| 2002 | giovanni | rome | 200 | 1003 |
| 2007 | pereira  | rome | 100 | 1004 |
+-----+-----+-----+-----+-----+
2 rows in set (0.00 sec)
```

QUE 4). What will be the output from the following query?

```
KD3_86710_Tanmay@>Select * from Orders
-> where (amt < 1000 OR
-> NOT (odate = '1990-10-03'
-> AND cnum > 2003));
+-----+-----+-----+-----+-----+
| onum | amt   | odate   | cnum | snum |
+-----+-----+-----+-----+-----+
| 3001 | 18.69 | 1990-10-03 | 2008 | 1007 |
| 3003 | 767.19 | 1990-10-03 | 2001 | 1001 |
| 3005 | 5160.45 | 1990-10-03 | 2003 | 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 |
+-----+-----+-----+-----+-----+
8 rows in set (0.01 sec)
```

QUE 5). What will be the output of the following query?

```
KD3_86710_Tanmay@>Select * from Orders where NOT ((odate = '1990-10-03' OR snum>1006) AND amt >= 1500);
```

onum	amt	odate	cnum	snum
3001	18.69	1990-10-03	2008	1007
3003	767.19	1990-10-03	2001	1001
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

8 rows in set (0.01 sec)

QUE 6). What is a simpler way to write this query?

->Select snum, sname, city, comm From Salespeople where (comm > .12 OR comm <.14);

```
KD3_86710_Tanmay@>Select snum, sname, city, comm From Salespeople where comm between 0.11 and 0.15;
```

snum	sname	city	comm
1001	peel	london	0.12
1002	serres	san jose	0.13

2 rows in set (0.00 sec)