

Assignment -5

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

```
[W3-93186-Shiddhant>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)
```

```
W3-93186-Shiddhant>
```

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

```
W3-93186-Shiddhant>SELECT Sname, city FROM SALESPEOPLE  
-> WHERE city = 'LONDON'and Comm > 0.10;
```

Sname	city
Peel	london
Motika	london

```
2 rows in set (0.00 sec)
```

```
W3-93186-Shiddhant>
```

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

```
W3-93186-Shiddhant>SELECT *
-> FROM Customers
-> WHERE rating >= 100 AND city = 'Rome';
```

Cnum	Cname	city	Rating	Snum
2002	Giovanni	Rome	200	1003
2007	pereira	Rome	100	1004

2 rows in set (0.00 sec)

```
W3-93186-Shiddhant>
```

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

```
Select * from Orders
where (amt < 1000 OR
```

```
NOT (odate = '1990-10-03' AND cnum > 2003));
```

```
W3-93186-Shiddhant>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 (0.00 sec)

```
W3-93186-Shiddhant>
```

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

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

W3-93186-Shiddhant>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 (0.00 sec)

W3-93186-Shiddhant>

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

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

W3-93186-Shiddhant>SELECT * FROM SALESPEOPLE WHERE Comm > .12 OR Comm <.14;

Snum	Sname	city	Comm
1001	Peel	london	0.12
1002	Serres	San jose	0.13
1004	Motika	london	0.11
1007	Rifkin	barcelona	0.15
1003	Axelord	New York	0.10

5 rows in set (0.00 sec)

W3-93186-Shiddhant>

