

SQL Assignment – 5

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

Ans: .

```
W1_83926_Vaibhavi>select Onum,Amt from Orders where Amt>1000;
+-----+-----+
| Onum | Amt      |
+-----+-----+
| 3002 | 1900.10  |
| 3005 | 5160.45  |
| 3006 | 1098.16  |
| 3009 | 1713.23  |
| 3008 | 4723.00  |
| 3010 | 1309.95  |
| 3011 | 9891.88  |
+-----+-----+
7 rows in set (0.00 sec)
```

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

Ans:

```
W1_83926_Vaibhavi>select Sname,City,Comm from Salespeople where City='London'
and Comm>.10;
+-----+-----+-----+
| Sname | City   | Comm |
+-----+-----+-----+
| Peel  | London | 0.12 |
| Motika | London | 0.11 |
+-----+-----+-----+
2 rows in set (0.00 sec)
```

.

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

Ans:

```
W1_83926_Vaibhavi>select Cname,Rating from Customers where Rating<=100 and C
ity!='Rome';
+-----+-----+
| Cname | Rating |
+-----+-----+
| Hoffman | 100 |
| Clemens | 100 |
+-----+-----+
2 rows in set (0.00 sec)
```

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));

Ans:

```
W1_83926_Vaibhavi>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)

.

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);

Ans:

```
W1_83926_Vaibhavi>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)

.

6)

What is a simpler way to write this query?

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

Ans:

```
W1_83926_Vaibhavi>select Snum,Sname,City,Comm 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	Rifikin	Barcelona	0.15
1003	Axelrod	New York	0.10

5 rows in set (0.00 sec)