

ASSIGNMENT 5

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

```
D5_Dhananjay_83761>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)
```

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

```
D5_Dhananjay_83761>select sname,city from SALESPEOPLE
-> where city = 'London'and comm>.10;
+-----+-----+
| sname | city |
+-----+-----+
| Peel  | London |
| Motika | London |
+-----+-----+
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.

```
D5_Dhananjay_83761>select * from CUSTOMERS
-> where rating>100 or city = 'Rome';
+-----+-----+-----+-----+-----+
| cnum | cname   | city    | rating | snum |
+-----+-----+-----+-----+-----+
| 2002 | Giovanni | Rome    | 200    | 1003 |
| 2003 | Liu      | San Jose | 200    | 1002 |
| 2004 | Grass    | Barlin   | 300    | 1002 |
| 2008 | Cisneros | San Jose | 300    | 1007 |
| 2007 | Pereira  | Rome    | 100    | 1004 |
+-----+-----+-----+-----+-----+
5 rows in set (0.01 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))

```
D5_Dhananjay_83761>select * from ORDERS
-> where (amt<1000 or not(odate = '1990-03-10' and cnum>2003));
+-----+-----+-----+-----+-----+
| 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 (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);

```
D5_Dhananjay_83761>select * from ORDERS
-> where not ((odate = '1990-03-10' 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 |
| 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 (0.00 sec)
```

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

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

```
D5_Dhananjay_83761>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 | Rifkin  | Barclona | 0.15 |
| 1003 | Axelrod | New York | 0.10 |
+-----+-----+-----+-----+
5 rows in set (0.00 sec)
```