

## Assignment -5

### KD1\_86940\_parag

Q1).Write a query that will give you all orders for more than Rs. 1,000.

```
mysql> 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 | 1990-10-04 | 2006 | 1001 |
| 3011 | 9891.88 | 1990-10-04 | 2006 | 1001 |
+-----+-----+-----+-----+-----+
6 rows in set (0.00 sec)
```

Q2).Write a query that will give you the names and cities of all salespeople in London with a commission above .10.

```
mysql> select sname,city from salespeople where comm > 0.10;
+-----+-----+
| sname | city   |
+-----+-----+
| Peel  | London |
| Serres | San Jose |
| Motika | London |
| Rifkin | Barcelona |
+-----+-----+
4 rows in set (0.00 sec)
```

Q3).Write a query on the Customers table whose output will exclude all customers with a rating <= 100, unless they are located in Rome.

```
mysql> select * from customers where rating <= 100 && city = "Rome";
+-----+-----+-----+-----+-----+
| cnum | cname   | city | rating | snum |
+-----+-----+-----+-----+-----+
| 2007 | Pereira | Rome | 100    | 1004 |
+-----+-----+-----+-----+-----+
1 row in set, 1 warning (0.00 sec)
```

Q4).What will be the output from the following query?

Select \* from Orders where (amt < 1000 OR NOT (odate = '1990-10-03' AND cnum > 2003));

```
mysql> 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	1990-10-04	2006	1001
3010	309.95	1990-10-04	2004	1002
3011	9891.88	1990-10-04	2006	1001

8 rows in set (0.01 sec)

Q5).What will be the output of the following query?

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

```
mysql> 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	1990-10-04	2006	1001
3010	309.95	1990-10-04	2004	1002
3011	9891.88	1990-10-04	2006	1001

8 rows in set (0.00 sec)

Q6).What is a simpler way to write this query?

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

solution: Select snum, sname, city, comm From Salespeople where Between .12 And .14;

```
mysql> Select snum, sname, city, comm From Salespeople where comm Between .12 and .14;
```

snum	sname	city	comm
1001	Peel	London	0.12
1002	Serres	San Jose	0.13

2 rows in set (0.00 sec)