

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

```
W2_87325_Rajvardhan>SELECT O_num, Amt, Odate FROM ORDERS WHERE Amt > 1000;
```

O_num	Amt	Odate
3002	1900.10	1990-10-03
3005	5160.45	1990-10-03
3006	1098.16	1990-10-03
3008	4723.00	1990-10-05
3009	1713.23	1990-10-04
3010	1309.95	1990-10-06
3011	9891.88	1990-10-06

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.

```
W2_87325_Rajvardhan>SELECT S_name, City FROM SALESPeOPLE WHERE City = 'London' AND Comm > 0.10;
```

S_name	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.

```
W2_87325_Rajvardhan>SELECT * FROM CUSTOMERS WHERE Rating > 100 OR City = 'Rome';
```

C_num	Cname	City	Rating	S_num
2002	Giovanni	Rome	200	1003
2003	Liu	San Jose	200	1002
2004	Grass	Berlin	300	1002
2007	Pereira	Rome	100	1004
2008	Cisneros	San Jose	300	1007

5 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: The query will return all orders where the amount is less than 1000, or where the order date is not 1990-10-03. If the order date is 1990-10-03, it will include only those orders with a customer number less than or equal to 2003. Any orders on 1990-10-03 with a customer number greater than 2003 will be excluded.

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: The query will return all orders where the order date is not '1990-10-03' and the salesperson number is 1006 or lower, or where the order amount is less than 1500. It will exclude orders with an amount of 1500 or more if the order date is '1990-10-03' or the salesperson number is greater than 1006.

6. What is a simpler way to write this query? Select snum, sname, city, comm From Salespeople where (comm > .12 OR comm <.14);

```
W2_87325-Rajvardhan>SELECT S_num, S_name, City, Comm FROM SALESPEOPLE WHERE Comm < 0.14;
+-----+-----+-----+-----+
| S_num | S_name | City   | Comm |
+-----+-----+-----+-----+
| 1001  | Peel   | London | 0.12 |
| 1002  | Serres | San Jose | 0.13 |
| 1004  | Motika | London | 0.11 |
+-----+-----+-----+-----+
3 rows in set (0.00 sec)
```