**Assignment 5**

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

**Output**

mysql> select \* from orders

-> where amt > 1000;

+------+---------+------------+------+------+

| Onum | Amt | Odate | Cnum | Snum |

+------+---------+------------+------+------+

| 3002 | 1900.1 | 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 | 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)

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

**Output**

mysql> select sname,city

-> from salespeople

-> where city = 'london' AND comm > 10;

+--------+--------+

| sname | city |

+--------+--------+

| Peel | London |

| Motika | London |

+--------+--------+

2 rows in set (0.00 sec)

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

**Output**

mysql> select \* from customers

-> where rating >100 or city ='rome';

--------+------+  
| Cnum | Cname    | City     | Rating | Snum |  
+------+----------+----------+--------+------+  
| 2002 | Glovanni | Rome     |    200 | 1003 |  
| 2003 | Liu      | San Jose |    200 | 1002 |  
| 2004 | Grass    | Berlin   |    300 | 1002 |  
| 2008 | Cisneros | San Jose |    300 | 1007 |  
| 2008 | Cisneros | San Jose |    300 | 1007 |  
+------+----------+----------+--------+------+  
5 rows in set (0.00 sec

1. What will be the output from the following query?

Select \* from Orders

where (amt < 1000 OR

NOT (odate = ‘1990-10-03’

AND cnum > 2003));

**Output**

+------+---------+------------+------+------+

| 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 | 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 (0.01 sec)

1. What will be the output of the following query?

Select \* from Orders

where NOT ((odate = ‘1990-10-03’ OR snum

>1006) AND amt >= 1500);

**Output**

+------+---------+------------+------+------+

| 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 | 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)

1. What is a simpler way to write this query?

Select snum, sname, city, comm From Salespeople

where (comm > .12 OR comm<.14);

**Output**

SELECT snum, sname, city, comm

FROM Salespeople

WHERE comm NOT BETWEEN 0.12 AND 0.14;