***Assignment –4***

**Retrieving Information from Tables.**

1. Write a select command that produces the order number, amount, and date for all rows in the Orders table.

select Onum, Amt, Odate from orders;

mysql> select Onum,Amt,Odate from orders;

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

| Onum | Amt | Odate |

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

| 3001 | 18.69 | 1990-10-03 |

| 3003 | 767.19 | 1990-10-03 |

| 3002 | 1900.10 | 1990-10-03 |

| 3005 | 5160.45 | 1990-10-03 |

| 3006 | 1098.16 | 1990-10-03 |

| 3009 | 1713.23 | 1990-10-03 |

| 3007 | 75.75 | 1990-10-03 |

| 3008 | 4723.00 | 1990-10-03 |

| 3010 | 1309.95 | 1990-10-06 |

| 3011 | 9891.88 | 1990-10-06 |

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

10 rows in set (0.00 sec)

1. Write a query that produces all rows from the Customers table for which the salesperson’s number is 1001.

select \* from customers where Snum = 1001;

mysql> select \* from customers where Snum=1001;

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

| Cnum | Cname | City | Rating | Snum |

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

| 2001 | Hoffman | London | 100 | 1001 |

| 2006 | Clemens | London | 100 | 1001 |

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

2 rows in set (0.00 sec)

1. Write a query that displays the Salespeople table with the columns in the following order: city, sname, snum, comm.

select City, Sname, Snum, Comm from salespeople;

mysql> select City,Sname,Snum,Comm from salespeople;

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

| City | Sname | Snum | Comm |

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

| london | peel | 1001 | 0.12 |

| SanJose | Serres | 1002 | 0.13 |

| London | Motika | 1004 | 0.11 |

| Barcelona | Rifkin | 1007 | 0.15 |

| New York | Axelrod | 1003 | 0.10 |

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

5 rows in set (0.00 sec)

1. Write a select command that produces the rating followed by the name of each customer in San Jose.

select Rating, Cname from customers where City = 'San Jose';

mysql> select Rating Cname from customers where City = 'San Jose';

+-------+

| Cname |

+-------+

| 200 |

| 300 |

+-------+

2 rows in set (0.00 sec)

1. Write a query that will produce the snum values of all salespeople (suppress the duplicates) with orders in the Orders table.

select distinct Snum from orders;

mysql> select distinct Snum from orders;

+------+

| Snum |

+------+

| 1007 |

| 1001 |

| 1004 |

| 1002 |

| 1003 |

+------+

5 rows in set (0.01 sec)