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.

Ans:-

```
mysql> SELECT Onum, Amt, Odate
    -> FROM ORDERS;
+------+---------+------------+
| Onum | Amt     | Odate      |
+------+---------+------------+
| 3001 |   18.69 | 1990-10-03 |
| 3002 | 1900.10 | 1990-10-03 |
| 3003 |  767.19 | 1990-10-03 |
| 3005 | 5160.45 | 1990-10-03 |
| 3006 | 1098.16 | 1990-10-03 |
| 3007 |   75.75 | 1990-10-04 |
| 3008 | 4723.00 | 1990-10-05 |
| 3009 | 1713.23 | 1990-10-04 |
| 3010 | 1309.95 | 1990-10-06 |
| 3011 | 9891.88 | 1990-10-06 |
+------+---------+------------+
10 rows in set (0.01 sec)
```

2) Write a query that produces all rows from the Customers table for which the salesperson's number is 1001.

Ans:-

```
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)
```

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

Ans:-

```
mysql> SELECT City, Sname, Snum, Comm

    -> FROM SALESPEOPLE;

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

| City      | Sname   | Snum | Comm |

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

| London    | Peel    | 1001 | 0.12 |

| San Jose  | Serres  | 1002 | 0.13 |

| New York  | Axelrod | 1003 | 0.10 |

| London    | Motika  | 1004 | 0.11 |

| Barcelona | Rifkin  | 1007 | 0.15 |

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

5 rows in set (0.01 sec)
```

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

Ans:-

mysql> SELECT Rating, Cname

    -> FROM CUSTOMERS

    -> WHERE City = 'San Jose';

```
+--------+----------+
| Rating | Cname    |
+--------+----------+
|    200 | Liu      |
|    300 | Cisneros |
+--------+----------+
```

2 rows in set (0.00 sec)

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

Ans:-

mysql> SELECT DISTINCT Snum

    -> FROM ORDERS;

```
+------+
| Snum |
+------+
| 1001 |
| 1002 |
| 1003 |
| 1004 |
| 1007 |
+------+
```

5 rows in set (0.00 sec)