

#### Assignment4 :-

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

```
C:\WINDOWS\system32\cmd.  x  +  v  -  □  x

W3_93086_Harshal>select*  from orders;
+-----+-----+-----+-----+
| Onum | Amt   | Odate   | Cnum | Snum |
+-----+-----+-----+-----+
| 3001 | 18.69 | 1990-10-03 | 2008 | 1007 |
| 3003 | 767.19 | 1990-10-03 | 2001 | 1001 |
| 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 |
| 3007 | 75.75 | 1990-10-04 | 2004 | 1002 |
| 3008 | 4723.00 | 1990-10-05 | 2006 | 1001 |
| 3010 | 1309.95 | 1990-10-06 | 2004 | 1002 |
| 3011 | 9891.88 | 1990-10-06 | 2006 | 1001 |
+-----+-----+-----+-----+
10 rows in set (0.00 sec)

W3_93086_Harshal>select onum,Amt,Odate;
ERROR 1054 (42S22): Unknown column 'onum' in 'field list'
W3_93086_Harshal>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 | 1990-10-04 |
| 3007 | 75.75 | 1990-10-04 |
| 3008 | 4723.00 | 1990-10-05 |
| 3010 | 1309.95 | 1990-10-06 |
| 3011 | 9891.88 | 1990-10-06 |
+-----+-----+-----+
10 rows in set (0.00 sec)
```

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

```
C:\WINDOWS\system32\cmd. x + v
ompt: C:\WINDOWS\system32\cmd.exe - 10-04 |
mysql -u W3_93086_Harshal -p 10-04 |
ctrl+alt+T 10-05 |
+-----+-----+-----+
| 3010 | 1309.95 | 1990-10-06 |
| 3011 | 9891.88 | 1990-10-06 |
+-----+-----+-----+
10 rows in set (0.00 sec)

W3_93086_Harshal>select from SALESPEOPLE
-> where snum=1001;
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual t
hat corresponds to your MySQL server version for the right syntax to use nea
r 'from SALESPEOPLE
where snum=1001' at line 1
W3_93086_Harshal>select from SALESPEOPLE
-> where snum='1001';
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual t
hat corresponds to your MySQL server version for the right syntax to use nea
r 'from SALESPEOPLE
where snum='1001'' at line 1
W3_93086_Harshal>select* from SALESPEOPLE
-> where snum=1;
-> where snum=1;
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual t
hat corresponds to your MySQL server version for the right syntax to use nea
r 'where snum=1' at line 3
W3_93086_Harshal>select* from Customers
-> where cnum=1001;
Empty set (0.00 sec)

W3_93086_Harshal>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.

```
C:\WINDOWS\system32\cmd. x + v
where snum=1001' at line 1
W3_93086_Harshal>select from SALESPEOPLE
-> where snum='1001';
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual t
hat corresponds to your MySQL server version for the right syntax to use nea
r 'from SALESPEOPLE
where snum='1001'' at line 1
W3_93086_Harshal>select* from SALESPEOPLE
-> where snum=1;
-> where snum=1;
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual t
hat corresponds to your MySQL server version for the right syntax to use nea
r 'where snum=1' at line 3
W3_93086_Harshal>select* from Customers
-> where cnum=1001;
Empty set (0.00 sec)

W3_93086_Harshal>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)

W3_93086_Harshal>select City, Sname, Snum, comm
-> from salespeople;
+-----+-----+-----+-----+
| City | Sname | Snum | comm |
+-----+-----+-----+-----+
| London | Peel | 1001 | 0.12 |
| San Jose | Serres | 1002 | 0.13 |
| London | Motika | 1004 | 0.11 |
| Barcelona | Rifkin | 1007 | 0.15 |
| New York | Axelrod | 1003 | 0.1 |
+-----+-----+-----+-----+
5 rows in set (0.00 sec)
```

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

```
C:\WINDOWS\system32\cmd. x + v
+-----+
| London | Peel | 1001 | 0.12 |
| San Jose | Serres | 1002 | 0.13 |
| London | Motika | 1004 | 0.11 |
| Barcelona | Rifkin | 1007 | 0.15 |
| New York | Axelrod | 1003 | 0.1 |
+-----+
5 rows in set (0.00 sec)

W3_93086_Harshal>select* from customers
-> (rating,Cname)
-> where City='San Jose';
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual t
hat corresponds to your MySQL server version for the right syntax to use nea
r '(rating,Cname)
where City='San Jose'' at line 2
W3_93086_Harshal>select rating, cname
-> from customers
-> where city='San Jose';
+-----+
| rating | cname |
+-----+
| 200 | Liu |
| 300 | Cisneros |
+-----+
2 rows in set (0.00 sec)

W3_93086_Harshal>select distinct snum
-> from orders;
+-----+
| snum |
+-----+
| 1007 |
| 1001 |
| 1004 |
| 1002 |
| 1003 |
+-----+
5 rows in set (0.00 sec)

W3_93086_Harshal>
```

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

```
C:\WINDOWS\system32\cmd. x + v
+-----+
| London | Peel | 1001 | 0.12 |
| San Jose | Serres | 1002 | 0.13 |
| London | Motika | 1004 | 0.11 |
| Barcelona | Rifkin | 1007 | 0.15 |
| New York | Axelrod | 1003 | 0.1 |
+-----+
5 rows in set (0.00 sec)

W3_93086_Harshal>select* from customers
-> (rating,Cname)
-> where City='San Jose';
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual t
hat corresponds to your MySQL server version for the right syntax to use nea
r '(rating,Cname)
where City='San Jose'' at line 2
W3_93086_Harshal>select rating, cname
-> from customers
-> where city='San Jose';
+-----+
| rating | cname |
+-----+
| 200 | Liu |
| 300 | Cisneros |
+-----+
2 rows in set (0.00 sec)

W3_93086_Harshal>select distinct snum
-> from orders;
+-----+
| snum |
+-----+
| 1007 |
| 1001 |
| 1004 |
| 1002 |
| 1003 |
+-----+
5 rows in set (0.00 sec)

W3_93086_Harshal>
```