

## 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.

```
Command Prompt - mysql -u KD2-87199-PRATHAMESH -p
KD2-87199-PRATHAMESH@>SELECT ONUM, AMOUNT, DATE FROM ORDERS;
ERROR 1054 (42S22): Unknown column 'AMOUNT' in 'field list'
KD2-87199-PRATHAMESH@>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 | 1300.95 | 1990-10-06 |
| 3011 | 9801.88 | 1990-10-06 |
+-----+-----+-----+
10 rows in set (0.00 sec)

KD2-87199-PRATHAMESH@>
```

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

See below

```
Command Prompt - mysql -u KD2-87199-PRATHAMESH -p
KD2-87199-PRATHAMESH@>SELECT * FROM CUSTOMERS WHERE SNUM=1001;
+-----+-----+-----+-----+-----+
| Cnum | Cname | City | Rating | Snum |
+-----+-----+-----+-----+-----+
| 2001 | Hoffman | London | 100 | 1001 |
| 2006 | Clemons | London | 100 | 1001 |
+-----+-----+-----+-----+-----+
2 rows in set (0.00 sec)

KD2-87199-PRATHAMESH@>
```

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

See below

```
Command Prompt - mysql -u KD2-87199-PRATHAMESH -p
KD2-87199-PRATHAMESH@>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 | 0.10 |
+-----+-----+-----+-----+
5 rows in set (0.00 sec)

KD2-87199-PRATHAMESH@>
```

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

See below

```
Command Prompt - mysql -u KD2-87199-PRATHAMESH -p
+-----+
5 rows in set (0.00 sec)

KD2-87199-PRATHAMESH@>SELECT CNAME, RATING FROM CUSTOMERS WHERE CITY='San Jose';
+-----+
| CNAME | RATING |
+-----+
| Liu   | 200    |
+-----+
1 row in set (0.00 sec)

KD2-87199-PRATHAMESH@>
```

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

See below

```
Command Prompt - mysql -u KD2-87199-PRATHAMESH -p
+-----+
| Cnum | int | YES | NULL |
| Snum | int | YES | NULL |
+-----+
5 rows in set (0.00 sec)

KD2-87199-PRATHAMESH@>SELECT DISTINCT SNUM FROM ORDERS;
+-----+
| SNUM |
+-----+
| 1007 |
| 1001 |
| 1004 |
| 1002 |
| 1003 |
+-----+
5 rows in set (0.01 sec)

KD2-87199-PRATHAMESH@>
```

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