

## SQL 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-:** SELECT Onum, Amt, Odate  
from ORDERS;

```
amit@amit-Lenovo-ideapad-510-151KB: ~  
D5_Amit_84097>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.

**Ans-:** SELECT \* FROM CUSTOMERS  
WHERE Snum = 1001;

```
D5_Amit_84097>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)  
  
D5_Amit_84097>
```

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

**Ans-:** SELECT City, Sname, Snum, Comm  
FROM SALESPEOPLE;

```
amit@amit-Lenovo-ideapad-510-15IKB: ~  
D5_Amit_84097>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)  
D5_Amit_84097>
```

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

**Ans-:** SELECT Rating, Cname  
FROM CUSTOMERS  
WHERE City = 'San Jose';

```
amit@amit-Lenovo-ideapad-510-15IKB: ~  
D5_Amit_84097>SELECT Rating, Cname  
->      FROM CUSTOMERS  
->      WHERE City = 'San Jose';  
+-----+-----+  
| Rating | Cname  |  
+-----+-----+  
| 200    | Liu    |  
| 300    | Cisneros |  
+-----+-----+  
2 rows in set (0.00 sec)  
D5_Amit_84097>
```