

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.

Query : SELECT ONUM, AMT, ODATE FROM ORDERS ;

```
D3_92969_Dhananjay>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 (0.01 sec)
```

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

Query : SELECT * FROM CUSTOMERS WHERE SNUM = 1001;

```
D3_92969_Dhananjay>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 (0.01 sec)
```

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

Query : SELECT CITY, SNAME, SNUM, COMMN FROM SALESPeOPLE ;

```
D3_92969_Dhananjay>SELECT CITY, SNAME, SNUM, COMM FROM SALESPeOPLE ;
+-----+-----+-----+-----+
| CITY   | SNAME | SNUM | COMM |
+-----+-----+-----+-----+
| London | Peel  | 1001 | 0.12 |
| London | Peel  | 1001 | 0.12 |
| London | Motika| 1004 | 0.11 |
| Barcelona | Rifkin | 1007 | 0.15 |
| New York | Axelrod | 1003 | 0.10 |
+-----+-----+-----+-----+
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.

Query : select RATING, CNAME from CUSTOMERS where City = 'San Jose' ;

```
D3_92969_Dhananjay>select RATING, CNAME from CUSTOMERS where City = 'San Jose' ;
+-----+-----+
| RATING | CNAME |
+-----+-----+
| 200    | Liu    |
| 300    | Cisneros |
+-----+-----+
2 rows in set (0.01 sec)
```

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

Query : SELECT DISTINCT SNUM FROM ORDERS;

```
D3_92969_Dhananjay>SELECT DISTINCT SNUM FROM ORDERS
-> ;
+-----+
| SNUM |
+-----+
| 1007 |
| 1001 |
| 1004 |
| 1002 |
| 1003 |
+-----+
5 rows in set (0.01 sec)
```