

## Assignment – 19

### Views.

- 1) Create a view that shows all of the customers who have the highest ratings.

```
D3_93068_Pankaj>create view h_rated_cust as
-> select * from customer where rating=
-> (select max(rating) from customer);
Query OK, 0 rows affected (0.01 sec)
```

```
D3_93068_Pankaj>select * from h_rated_cust;
+-----+-----+-----+-----+-----+
| Cnum | Cname   | City    | Rating | Snum |
+-----+-----+-----+-----+-----+
| 2002 | Giovanni | Rome    | 300    | 1003 |
| 2004 | Grass    | Berlin  | 300    | 1004 |
| 2008 | Cisnerous | san Jose | 300    | 1007 |
+-----+-----+-----+-----+-----+
3 rows in set (0.04 sec)
```

- 2) Create a view that shows the number of salespeople in each city.

```
D3_93068_Pankaj>create view tns_cityy as
-> select city, count(city) "no. of sales people"
-> from salespeople group by city;
Query OK, 0 rows affected (0.04 sec)
```

```
D3_93068_Pankaj>select * from tns_cityy;
+-----+-----+
| city    | no. of sales people |
+-----+-----+
| london  | 2                    |
| San Jose | 2                    |
| Barcelona | 1                   |
| New York | 1                    |
+-----+-----+
4 rows in set (0.03 sec)
```

- 3) Create a view that shows the average and total orders for each salesperson after

his or her name. Assume all names are unique.

```
D3_93068_Pankaj>create view av_tot_sal as select sname,  
-> avg(onum) average,  
-> count(onum) "total orders"  
-> from salespeople join orders using(snum) group by sname;  
Query OK, 0 rows affected (0.04 sec)
```

```
D3_93068_Pankaj>select * from av_tot_sal;
```

sname	average	total orders
Peel	3003.0000	1
Serres	3007.3333	3
Motika	3002.0000	1
Rifkin	3003.5000	2
Axelrod	3009.0000	1

5 rows in set (0.03 sec)

4) Create a view that shows each salesperson with multiple customers.

```
D3_93068_Pankaj>create view m_c as select sname,  
-> cname from salespeople join customer using (snum);  
Query OK, 0 rows affected (0.03 sec)
```

```
D3_93068_Pankaj>select * from m_c;
```

sname	cname
Peel	Hoffman
Axelrod	Giovanni
Motika	LIU
Motika	Grass
Rifkin	Cisnerous
Motika	Pereira

6 rows in set (0.00 sec)