

Assignment – 19

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

```
(W3-92833-Mahesh@localhost) [classwork]> create view v_highest_rating_customers as
-> select *
-> from customers
-> where rating = (select max(rating) from customers);
Query OK, 0 rows affected (0.01 sec)

(W3-92833-Mahesh@localhost) [classwork]> █
```

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

```
(W3-92833-Mahesh@localhost) [classwork]> create view v_salespeople_per_city as
-> select city, count(*) as num_salespeople
-> from salespeople
-> group by city;
Query OK, 0 rows affected (0.01 sec)

(W3-92833-Mahesh@localhost) [classwork]> █
```

3. Create a view that shows the average and total orders for each salesperson after his or her name. Assume all names are unique.

```
(W3-92833-Mahesh@localhost) [classwork]> create view v_orders_summary as
-> select s.sname,
->         avg(o.amt) as avg_order_amt,
->         sum(o.amt) as total_order_amt
-> from salespeople s
-> join orders o on s.snum = o.snum
-> group by s.sname;
Query OK, 0 rows affected (0.00 sec)
(W3-92833-Mahesh@localhost) [classwork]> █
```

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

```
(W3-92833-Mahesh@localhost) [classwork]> create view v_salespeople as
-> select s.snum, s.sname, count(c.cnum) as num_customers
-> from salespeople s
-> join customers c on s.snum = c.snum
-> group by s.snum, s.sname
-> having count(c.cnum) > 1;
Query OK, 0 rows affected (0.01 sec)
(W3-92833-Mahesh@localhost) [classwork]> █
```