Assignment – 19

Views.

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

Ans:

create view HighestRatedCustomers as

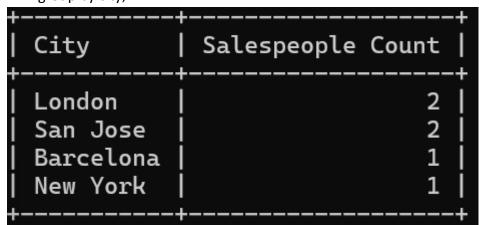
- -> select * from customers
- -> where rating =(select max(rating) from customers);

Cnum	Cname	 City	+ Rating	Snum
2004	Giovanni Grass Cisneros	Berlin	300	1003 1004 1007

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

Ans: create view SalespeopleinCity as

- -> select City, count(*) as 'Salespeople Count'
- -> from Salespeople
- -> group by city;



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

Ans: select s.sname,avg(o.amt) as 'Average Order Amount', sum(o.amt) as 'Total Order Amount'

-> from salespeople s

- -> join orders o on s.snum=o.snum
- -> group by s.sname;

+ sname	Average Order Amount	+ Total Order Amount
Peel Serres Motika Rifkin Axelrod	767.190002 2182.050049 1900.099976 558.425017 1713.229980	767.19 6546.15 1900.10 1116.85 1713.23

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

Ans: CREATE VIEW SalespeopleMultipleCustomers AS

- -> SELECT s.sname, COUNT(DISTINCT c.cnum) AS customer_count
- -> FROM salespeople s
- -> JOIN customers c ON s.snum = c.snum
- -> GROUP BY s.sname
- -> HAVING COUNT(DISTINCT c.cnum) > 1;

