

Assignment – 9
Querying Multiple Tables at Once.

- 1) Write a query that lists each order number followed by the name of the customer who made the order.

```
KD3_86720_Raju@>select onum OrderNumber, cname CustomerName from orders, customers where customers.cnum = orders.cnum;
```

OrderNumber	CustomerName
3001	Cisneros
3003	Hoffman
3002	Pereira
3005	Liu
3006	Cisneros
3009	Giovanni
3007	Grass
3008	Clemens
3010	Grass
3011	Clemens

10 rows in set (0.00 sec)

- 2) Write a query that gives the names of both the salesperson and the customer for each order along with the order number.

```
KD3_86720_Raju@> select onum, sname, cname from salespeople, customers, orders where orders.snum = salespeople.snum and customers.snum = salespeople.snum;
```

onum	sname	cname
3001	Rifkin	Cisneros
3003	Peel	Clemens
3003	Peel	Hoffman
3002	Motika	Pereira
3005	Serres	Grass
3005	Serres	Liu
3006	Rifkin	Cisneros
3009	Axelrod	Giovanni
3007	Serres	Grass
3007	Serres	Liu
3008	Peel	Clemens
3008	Peel	Hoffman
3010	Serres	Grass
3010	Serres	Liu
3011	Peel	Clemens
3011	Peel	Hoffman

16 rows in set (0.00 sec)

- 3) Write a query that produces all customers serviced by salespeople with a commission above 12%. Output the customer's name, the salesperson's name, and the salesperson's rate of commission.

```
KD3_86720_Raju@>select customers.cname, salespeople.sname, salespeople.comm
-> from customers, salespeople
-> where customers.snum = salespeople.snum and salespeople.comm > .12;
```

cname	sname	comm
Liu	Serres	0.13
Grass	Serres	0.13
Cisneros	Rifkin	0.15

3 rows in set (0.00 sec)

- 4) Write a query that calculates the amount of the salesperson's commission on each order by a customer with a rating above 100.

```
KD3_86720_Raju@>select onum,orders.snum ,amt*comm, amt,comm,rating from orde
rs, salespeople, customers where orders.snum = customers.snum and orders.snu
m = salespeople.snum having rating > 100 order by snum;
```

onum	snum	amt*comm	amt	comm	rating
3010	1002	170.29	1309.95	0.13	200
3007	1002	9.85	75.75	0.13	200
3005	1002	670.86	5160.45	0.13	200
3010	1002	170.29	1309.95	0.13	300
3007	1002	9.85	75.75	0.13	300
3005	1002	670.86	5160.45	0.13	300
3009	1003	171.32	1713.23	0.10	200
3006	1007	164.72	1098.16	0.15	300
3001	1007	2.80	18.69	0.15	300

9 rows in set (0.00 sec)

