

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_87023_Abhishek@>select orders.onum,customers.cname from orders,customers where customers.cnum=orders.cnum;
```

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

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_87023_Abhishek@>select sname,cname,onum from orders,customers,salespeople where salespeople.snum=customers.snum and customers.cnum=orders.cnum;
```

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

10 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_87023_Abhishek@>select cname,sname,comm from customers,salespeople where salespeople.snum=customers.snum and comm>0.12;
```

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.

sname	salesperson_commission	rating
Serres	670.86	200
Rifkin	164.72	300
Axelrod	171.32	200
Serres	9.85	300
Serres	170.29	300
Rifkin	2.80	300

6 rows in set (0.00 sec)