

ASSIGNMENT 9

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

```
KD3_86659_shriya@>select cname ,onum from customers,orders
-> where customers.cnum = orders.cnum ;
```

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

```
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_86659_shriya@>select sname ,cname,onum from salespeople , customers,orders
-> where salespeople.snum = orders.snum
-> and
-> customers.cnum =orders.cnum ;
```

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

```
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_86659_shriya@>select cname , sname , comm from customers , salespeople
-> where comm >0.12
-> and
-> customers.snum = salespeople.snum ;
```

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

```
3 rows in set (0.00 sec)

KD3_86659_shriya@>
```

- 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_86659_shriya@>select onum,orders.snum, amt*comm 'salespeople commision' ,comm, rating from orders,salespeople,customers
-> where orders.snum = salespeople.snum
-> and
-> orders.snum = customers.snum
-> having rating >100 ;
```

onum	snum	salespeople commision	comm	rating
3001	1007	2.80	0.15	300
3005	1002	670.86	0.13	300
3005	1002	670.86	0.13	200
3006	1007	164.72	0.15	300
3009	1003	171.32	0.10	200
3007	1002	9.85	0.13	300
3007	1002	9.85	0.13	200
3010	1002	170.29	0.13	300
3010	1002	170.29	0.13	200

```
9 rows in set (0.00 sec)

KD3_86659_shriya@>
```