

Assignment No 9

Q1 Write a query that lists each order number followed by the name of the customer who made the order.

→ `select orders.Onum,customers.Cname from customers,orders where customers.Cnum=orders.Cnum;`

```
KD3_86704_Mayur@>select orders.Onum,customers.Cname from customers,orders where
customers.Cnum=orders.Cnum;
+-----+-----+
| Onum | Cname |
+-----+-----+
| 3001 | Cisneros |
| 3003 | Hoffman |
| 3002 | Perira |
| 3005 | Liu |
| 3006 | Cisneros |
| 3009 | Giovanni |
| 3007 | Grass |
| 3008 | Celmens |
| 3010 | Grass |
| 3011 | Celmens |
+-----+-----+
10 rows in set (0.00 sec)

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```

Q2 Write a query that gives the names of both the salesperson and the customer for each order along with the order number

→ `select Sname,Cname,Onum from salespeople,customers,orders where orders.Snum=salespeople.Snum and salespeople.Snum=customers.Snum;`

```
KD3_86704_Mayur@>select Sname,Cname,Onum from salespeople,customers,orders where
orders.Snum=salespeople.Snum and salespeople.Snum=customers.Snum;
```

Sname	Cname	Onum
Rifkin	Cisneros	3001
Peel	Celmsens	3003
Peel	Hoffman	3003
Serres	Grass	3005
Serres	Liu	3005
Rifkin	Cisneros	3006
Motika	Giovanni	3009
Axelord	Giovanni	3009
Serres	Grass	3007
Serres	Liu	3007
Peel	Celmsens	3008
Peel	Hoffman	3008
Serres	Grass	3010
Serres	Liu	3010
Peel	Celmsens	3011
Peel	Hoffman	3011

```
16 rows in set (0.00 sec)

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```

Q3 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

→select Cname,Sname, Comm from salespeople,customers where salespeople.Comm >0.12 and salespeople.Snum=customers.Snum;

```
KD3_86704_Mayur@>select Cname,Sname, Comm from salespeople,customers where sales
people.Comm >0.12 and salespeople.Snum=customers.Snum;
```

Cname	Sname	Comm
Liu	Serres	0.13
Grass	Serres	0.13
Cisneros	Rifkin	0.15

```
3 rows in set (0.00 sec)

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```

Q4 Write a query that calculates the amount of the salesperson's commission on each order by a customer with a rating above 100.

→select orders.Amt*salespeople.Comm as "CommAmt" from salespeople,orders,customers where orders.Snum=salespeople.Snum and salespeople.Snum=customers.Snum and customers.Rating>100;

```
KD3_86704_Mayur@>select orders.Amt*salespeople.Comm as "CommAmt" from salespeople,orders,customers where orders.Snum=salespeople.Snum and salespeople.Snum=customers.Snum and customers.Rating>100;
```

CommAmt
2.80
670.86
670.86
164.72
171.32
188.46
9.85
9.85
170.29
170.29

10 rows in set (0.00 sec)

```
KD3_86704_Mayur@>
```