

## Assignment – 9

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

```
KD1-Yashraj-86633@>select orders.onum, cname from customers, orders where customers.cnum = orders.cnum;
+-----+-----+
| onum | cname |
+-----+-----+
| 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.

```
KD1-Yashraj-86633@>select orders.onum, sname, cname from orders, salespeople, customers where orders.cnum = customers.cnum and orders.snum=salespeople.snum
order by 1;
+-----+-----+-----+
| onum | sname | cname |
+-----+-----+-----+
| 3001 | Rifkin | Cisneros |
| 3002 | Motika | Pereira |
| 3003 | Peel | Hoffman |
| 3005 | Serres | Liu |
| 3006 | Rifkin | Cisneros |
| 3007 | Serres | Grass |
| 3008 | Peel | Clemens |
| 3009 | Axelrod | Giovanni |
| 3010 | Serres | Grass |
| 3011 | Peel | Clemens |
+-----+-----+-----+
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.

```
KD1-Yashraj-86633@>select cname, sname, comm from customers, salespeople
-> where comm > 0.12 and customers.snum = salespeople.snum order by 1;
+-----+-----+-----+
| cname | sname | comm |
+-----+-----+-----+
| Cisneros | Rifkin | 0.15 |
| Grass | Serres | 0.13 |
| Liu | Serres | 0.13 |
+-----+-----+-----+
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.

```
KD1-Yashraj-86633@>select onum ,amt*comm, rating from orders, customers, salespeople
-> where rating>100 and orders.cnum = customers.cnum and salespeople.snum= orders.snum order by 1;
+-----+-----+-----+
| onum | amt*comm | rating |
+-----+-----+-----+
| 3001 | 2.8035 | 300 |
| 3005 | 670.8585 | 200 |
| 3006 | 164.7240 | 300 |
| 3007 | 9.8475 | 300 |
| 3009 | 171.3230 | 200 |
| 3010 | 40.2935 | 300 |
+-----+-----+-----+
6 rows in set (0.00 sec)
```