

Assignment 9

KD1_86940_parag

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

```
mysql> select onum,cname from orders,customers 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 |

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

```
mysql> select sname,cname,onum from orders,customers,salespeople where salespeople.snum=orders.snum and orders.cnum=customers.cnum order by onum;
```

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

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.

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

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

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

```
mysql> select sname,onum,amt*(comm) as comm from salespeople,orders where salespeople.snum=orders.snum;
```

| sname | onum | comm |
|---------|------|-----------|
| Rifkin | 3001 | 2.8035 |
| Peel | 3003 | 92.0628 |
| Motika | 3002 | 209.0110 |
| Serres | 3005 | 670.8585 |
| Rifkin | 3006 | 164.7240 |
| Axelrod | 3009 | 171.3230 |
| Serres | 3007 | 9.8475 |
| Peel | 3008 | 566.7600 |
| Serres | 3010 | 40.2935 |
| Peel | 3011 | 1187.0256 |