

Assignment 09

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

```
mananshinde — mysql -u W1_92836_Manana -p — 63x20

W1_92836_Manana>select onum, cname from orders, customers
-> where orders.cnum = customers.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 (0.001 sec)

W1_92836_Manana>
```

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

```
mananshinde — mysql -u W1_92836_Manana -p — 78x19

W1_92836_Manana>select sname, cname, onum from orders, customers, salespeople
-> 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 (0.003 sec)
```

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.

```
mananshinde — mysql -u W1_92836_Manan -p — 68x13

W1_92836_Manan>select cname, sname, comm from customers,salespeople
-> where salespeople.snum = customers.snum and comm> .12;
+-----+-----+-----+
| cname | sname | comm |
+-----+-----+-----+
| Liu   | Serres | 0.13 |
| Grass | Serres | 0.13 |
| Cisneros | Rifkin | 0.15 |
+-----+-----+-----+
3 rows in set (0.001 sec)

W1_92836_Manan>
```

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

```
mananshinde — mysql -u W1_92836_Manan -p — 86x20

W1_92836_Manan>select sname, rating, amt*comm from orders,customers, salespeople where
salespeople.snum = orders.snum and salespeople.snum = customers.snum and rating>100;
+-----+-----+-----+
| sname | rating | amt*comm |
+-----+-----+-----+
| Rifkin | 300 | 2.80 |
| Serres | 200 | 670.86 |
| Serres | 300 | 670.86 |
| Rifkin | 300 | 164.72 |
| Axelrod | 200 | 171.32 |
| Axelrod | 200 | 171.32 |
| Serres | 200 | 9.85 |
| Serres | 300 | 9.85 |
| Serres | 200 | 170.29 |
| Serres | 300 | 170.29 |
+-----+-----+-----+
10 rows in set (0.001 sec)

W1_92836_Manan>
```