

Assignment – 9

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

```
KD4-86647-aman>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 |
+-----+-----+
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.

```
KD4-86647-aman>select salesperson.sname, customers.cname,orders.onum
-> from orders, customers, salesperson
-> where orders.cnum=customers.cnum and orders.snum=salesperson.snum;
+-----+-----+-----+
| 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.

```
KD4-86647-aman>select customers.cname,salesperson.sname,salesperson.comm
-> from customers,salesperson
-> where salesperson.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 (0.00 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.

```
KD4-86647-aman>select comm,rating,amt*comm as "total comm",customers.cname
-> from orders,customers,salesperson
-> where orders.snum=salesperson.snum and rating>100 and orders.cnum=cus
tomers.cnum
-> order by cname;
+-----+-----+-----+-----+
| comm | rating | total comm | cname |
+-----+-----+-----+-----+
| 0.15 | 300 | 164.72 | Cisneros |
| 0.15 | 300 | 2.80 | Cisneros |
| 0.10 | 200 | 171.32 | Giovanni |
| 0.13 | 300 | 170.29 | Grass |
| 0.13 | 300 | 9.85 | Grass |
| 0.13 | 200 | 670.86 | Liu |
+-----+-----+-----+-----+
6 rows in set (0.00 sec)
```

