Assignment 09

KD1-Indrajeet-86641

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

➔ **select onum, cname from orders, customers where orders.cnum = customers.cnum;**

```
KD1-Indrajeet-86641@>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 (0.00 sec)
```

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

➔ **select onum, sname, cname from orders, salespeople, customers where salespeople.snum = customers.snum and customers.cnum = orders.cnum;**

```
KD1-Indrajeet-86641@>select onum, sname, cname from orders, salespeople, customers
    -> where salespeople.snum = customers.snum and customers.cnum = orders.cnum;
+------+---------+----------+
| onum | sname   | cname    |
+------+---------+----------+
| 3001 | Rifkin  | Cisneros |
| 3003 | Peel    | Hoffman  |
| 3002 | Motika  | Pereira  |
| 3005 | Serres  | Liu      |
| 3006 | Rifkin  | Cisneros |
| 3009 | Axelrod | Giovanni |
| 3007 | Serres  | Grass    |
| 3008 | Peel    | Clemens  |
| 3010 | Serres  | Grass    |
| 3011 | Peel    | Clemens  |
+------+---------+----------+
10 rows in set (0.00 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..

➔ **select cnum, sname, comm from customers, salespeople**

where comm > 0.12 and salespeople.snum = customers.snum;

```
KD1-Indrajeet-86641@>select cnum, sname, comm from customers, salespeople
    -> where comm > 0.12 and salespeople.snum = customers.snum;
+------+--------+------+
| cnum | sname  | comm |
+------+--------+------+
| 2003 | Serres | 0.13 |
| 2004 | Serres | 0.13 |
| 2008 | Rifkin | 0.15 |
+------+--------+------+
3 rows in set (0.00 sec)
```

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 onum, amt * comm, rating**

  from orders, customers, salespeople

  where rating > 100 and orders.cnum = customers.cnum

  and salespeople.snum = orders.snum order by 1;

```
KD1-Indrajeet-86641@>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)
```