SQL Assignment – 9

Querying Multiple Tables at Once.

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

```
D1_Prajakta_83867>SELECT Onum,Cname from CUSTOMER,ORDERS WHERE CUSTOMER.Cnum=ORDERS.C
num order by 1;
+------+----------+
| Onum | Cname    |
+------+----------+
| 3001 | Cisneros |
| 3002 | Pereira  |
| 3003 | Hoffman  |
| 3005 | Liu      |
| 3006 | Cisneros |
| 3007 | Grass    |
| 3008 | Clemens  |
| 3009 | Giovanni |
| 3010 | Grass    |
| 3011 | Clemens  |
+------+----------+
10 rows in set (0.01 sec)

D1_Prajakta_83867>
```

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

```
D1_Prajakta_83867>SELECT Sname,Cname,Onum from SALESPEOPLE, CUSTOMER,ORDERS WHERE ORDERS.Cnum=CUSTOMER.Cnu
m and ORDERS.Snum=SALESPEOPLE.Snum;
+---------+----------+------+
| Sname   | Cname    | Onum |
+---------+----------+------+
| Peel    | Hoffman  | 3003 |
| Axelrod | Giovanni | 3009 |
| Serres  | Grass    | 3010 |
| Serres  | Grass    | 3007 |
| Peel    | Clemens  | 3011 |
| Peel    | Clemens  | 3008 |
| Rifkin  | Cisneros | 3006 |
| Rifkin  | Cisneros | 3001 |
| Motika  | Pereira  | 3002 |
| Serres  | Liu      | 3005 |
+---------+----------+------+
10 rows in set (0.00 sec)

D1_Prajakta_83867>
```

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.

```
D1_Prajakta_83867>SELECT Cname,Sname,Comm from CUSTOMER, SALESPEOPLE WHERE CUSTOMER.S
num=SALESPEOPLE.Snum and Comm>.12;
+----------+--------+------+
| Cname    | Sname  | Comm |
+----------+--------+------+
| Grass    | Serres | 0.13 |
| Cisneros | Rifkin | 0.15 |
| Liu      | Serres | 0.13 |
+----------+--------+------+
3 rows in set (0.00 sec)

D1_Prajakta_83867>
```

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

```
D1_Prajakta_83867>select Amt*Comm Sales_Comm,
    -> Sname from ORDERS,CUSTOMER,SALESPEOPLE
    -> WHERE SALESPEOPLE.Snum=CUSTOMER.Snum and CUSTOMER.Cnum=ORDERS.Cnum and Rating>100;
+------------+--------+
| Sales_Comm | Sname  |
+------------+--------+
|       2.80 | Rifkin |
|     670.86 | Serres |
|     164.72 | Rifkin |
|     171.32 | Axelrod|
|       9.85 | Serres |
|     170.29 | Serres |
+------------+--------+
6 rows in set (0.05 sec)

D1_Prajakta_83867>
```