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.

>select onum,cname from customer,orders

-> where customer.cnum=orders.cnum;

```
D3_93068_Pankaj>select onum,cname from customer,orders
    -> where customer.cnum=orders.cnum;
+------+-----------+
| onum | cname     |
+------+-----------+
| 3001 | Cisnerous |
| 3003 | Hoffman   |
| 3002 | Pereira   |
| 3005 | LIU       |
| 3006 | LIU       |
| 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.

select sname,cname,onum from salespeople,customer,orders

-> where orders.cnum=customer.cnum and orders.snum=salespeople.snum order by onum;

```
03_93068_Pankaj>select sname,cname,onum from salespeople,customer
orders
    -> where  orders.cnum=customer.cnum and  orders.snum=salespeo
ple.snum order by onum;
+----------+-----------+------+
| sname    | cname     | onum |
+----------+-----------+------+
| Rifkin   | Cisnerous | 3001 |
| Motika   | Pereira   | 3002 |
| Peel     | Hoffman   | 3003 |
| Serres   | LIU       | 3005 |
| Rifkin   | Cisnerous | 3006 |
| Serres   | Grass     | 3007 |
| Peel     | Clemens   | 3008 |
| Axelrod  | Giovanni  | 3009 |
| Serres   | Grass     | 3010 |
| Peel     | Clemens   | 3011 |
+----------+-----------+------+
```

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.

> Select cname,sname, comm from customer,salespeople where
> customer.snum=salespeople.snum and comm>0.12;

```
03_93068_Pankaj>Select cname,sname, comm from customer,salespeopl
e where customer.snum=salespeople.snum and comm>0.12;
+-----------+--------+------+
| cname     | sname  | comm |
+-----------+--------+------+
| LIU       | Serres | 0.13 |
| Grass     | Serres | 0.13 |
| Cisnerous | Rifkin | 0.15 |
+-----------+--------+------+
```

4) Write a query that calculates the amount of the salesperson's commission on each

order by a customer with a rating above 100.

> Select sname,rating,sum(amt*comm) from orders,customer,salespeople
>
> Where salespeople.snum = orders.snum and salespeople.snum=customer.snum and
> rating>100
>
> group by sname,rating;

```
O3_93068_Pankaj>Select sname,rating,sum(amt*comm) from orders,customer,sales
people
    -> Where salespeople.snum = orders.snum and salespeople.snum=customer.sn
um and rating>100
    -> group by sname,rating;
+---------+--------+--------------+
| sname   | rating | sum(amt*comm) |
+---------+--------+--------------+
| Rifkin  |    300 |       167.53 |
| Motika  |    150 |       209.01 |
| Serres  |    200 |       851.00 |
| Serres  |    300 |       851.00 |
| Axelrod |    200 |       171.32 |
+---------+--------+--------------+
5 rows in set (0.00 sec)
```