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.

```
KD2-87412-Abhishek@> select onum Order_num, cname Customer_name from orders,customers where orders.cnum= customers.cnum order by Order_num;
+-----------+---------------+
| Order_num | Customer_name |
+-----------+---------------+
|      3002 | Pereira       |
|      3003 | Hoffman       |
|      3005 | liu           |
|      3007 | Grass         |
|      3008 | Cisneros      |
|      3008 | Celmens       |
|      3009 | Gionavi       |
|      3010 | Grass         |
|      3011 | Cisneros      |
|      3011 | Celmens       |
+-----------+---------------+
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.

```
KD2-87412-Abhishek@> select cname,sname,onum from customers,salespeople,orders where Salespeople.snum=
customers.snum and customers.cnum=orders.cnum;
+----------+---------+------+
| cname    | sname   | onum |
+----------+---------+------+
| Hoffman  | peel    | 3003 |
| Pereira  | Motika  | 3002 |
| liu      | Serres  | 3005 |
| Gionavi  | Axelord | 3009 |
| Grass    | Serres  | 3007 |
| Cisneros | Rifkin  | 3008 |
| Celmens  | peel    | 3008 |
| Grass    | Serres  | 3010 |
| Cisneros | Rifkin  | 3011 |
| Celmens  | peel    | 3011 |
+----------+---------+------+
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.

```
KD2-87412-Abhishek@>select cname "customers_name",sname"Sales_name",comm from salespeople,customers where comm>.12 and salespeople.snum =customers.snum order by cname;
+----------------+------------+------+
| customers_name | Sales_name | comm |
+----------------+------------+------+
| Cisneros       | Rifkin     | 0.15 |
| Grass          | Serres     | 0.13 |
| liu            | Serres     | 0.13 |
+----------------+------------+------+
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.

```
KD2-87412-Abhishek@> select cname,sname,onum from customers,salespeople,orders where Salespeople.snum
customers.snum and customers.cnum=orders.cnum and rating > 100;
+----------+---------+------+
| cname    | sname   | onum |
+----------+---------+------+
| liu      | Serres  | 3005 |
| Gionavi  | Axelord | 3009 |
| Grass    | Serres  | 3007 |
| Cisneros | Rifkin  | 3008 |
| Grass    | Serres  | 3010 |
| Cisneros | Rifkin  | 3011 |
+----------+---------+------+
6 rows in set (0.00 sec)
```