ASSIGNMENT 09

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

```
W2_84069_anup>select orders.Onum,customers.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.

```
W2_84069_anup>select salespeople.Sname,customers.Cname,orders.Onum from salespeople,customers,orders where salespeople.Sn
um=customers.Snum and salespeople.Snum=orders.Snum;
+---------+----------+------+
| Sname   | Cname    | Onum |
+---------+----------+------+
| Rifkin  | Cisneros | 3001 |
| Peel    | Clemens  | 3003 |
| Peel    | Hoffman  | 3003 |
| Motika  | Pereira  | 3002 |
| Serres  | Grass    | 3005 |
| Serres  | Liu      | 3005 |
| Rifkin  | Cisneros | 3006 |
| Axelrod | Giovanni | 3009 |
| Serres  | Grass    | 3007 |
| Serres  | Liu      | 3007 |
| Peel    | Clemens  | 3008 |
| Peel    | Hoffman  | 3008 |
| Serres  | Grass    | 3010 |
| Serres  | Liu      | 3010 |
| Peel    | Clemens  | 3011 |
| Peel    | Hoffman  | 3011 |
+---------+----------+------+
16 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.

```
W2_84069_anup>select Cname,Sname,Comm from customers,salespeople where Comm>0.12 and customers.Snum=salespeople.Snum;
+----------+--------+------+
| 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.

```
W2_84069_anup>select s.Snum,c.Rating,o.Amt,(o.Amt*s.Comm)from salespeople s,customers c,orders o where s.Snum=c.Snum and
c.Snum=o.Snum AND Rating>100;
+------+--------+---------+----------------+
| Snum | Rating | Amt     | (o.Amt*s.Comm) |
+------+--------+---------+----------------+
| 1007 |    300 |   18.69 |           2.80 |
| 1002 |    200 | 5160.45 |         670.86 |
| 1002 |    300 | 5160.45 |         670.86 |
| 1007 |    300 | 1098.16 |         164.72 |
| 1003 |    200 | 1713.23 |         171.32 |
| 1002 |    200 |   75.75 |           9.85 |
| 1002 |    300 |   75.75 |           9.85 |
| 1002 |    200 | 1309.95 |         170.29 |
| 1002 |    300 | 1309.95 |         170.29 |
+------+--------+---------+----------------+
9 rows in set (0.00 sec)
```