SQL ASSIGNMENT 9

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

```
[kd2_80143_madhurgupta>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 name of both the salesperson and the customer for each order along with the order number.

```
[kd2_80143_madhurgupta>select Sname,Cname,Onum from orders,customers,salespeople where salespeople.snum=customers.snum and orders.cnum=customers]
.cnum;
+---------+----------+------+
| Sname   | Cname    | Onum |
+---------+----------+------+
| Rifkin  | Cisneros | 3001 |
| Peel    | Hoffman  | 3003 |
| Motika  | Pereira  | 3002 |
| Motika  | Liu      | 3005 |
| Rifkin  | Cisneros | 3006 |
| Axelrod | Giovanni | 3009 |
| Motika  | Grass    | 3007 |
| Peel    | Clemens  | 3008 |
| Motika  | Grass    | 3010 |
| Peel    | Clemens  | 3011 |
+---------+----------+------+
10 rows in set (0.01 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.

```
kd2_80143_madhurgupta>select Cname, Sname, Comm  from customers, salespeople where customers.Snum = salespeople.Snum having comm >
  0.12;
+----------+--------+------+
| Cname    | Sname  | Comm |
+----------+--------+------+
| Liu      | Serres | 0.13 |
| Grass    | Serres | 0.13 |
| Cisneros | Rifkin | 0.15 |
+----------+--------+------+
3 rows in set (0.01 sec)
```

Q4) Write a query that calculates the amount of the salesperson's commission on each order by a customer on each order by a customer with a rating above 100.

```
kd2_80143_madhurgupta>select amt*comm Commission, Onum, rating from orders, customers, salespeople  where salespeople.Snum = cust
omers.Snum and customers.Snum = orders.Snum having rating > 100;
+------------+------+--------+
| Commission | Onum | rating |
+------------+------+--------+
|       2.80 | 3001 |    300 |
|     670.86 | 3005 |    300 |
|     670.86 | 3005 |    200 |
|     164.72 | 3006 |    300 |
|     171.32 | 3009 |    200 |
|       9.85 | 3007 |    300 |
|       9.85 | 3007 |    200 |
|     170.29 | 3010 |    300 |
|     170.29 | 3010 |    200 |
+------------+------+--------+
9 rows in set (0.00 sec)
```