

SQL ASSIGNMENT -9

ROLL NO-84016

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

Ans.

```
D2_84016_Suyash>select Onum,Cname from ORDERS,CUSTOMERS where CUSTOMERS.Cnum = ORDERS.Cnum group by Cname,Onum ;
+-----+-----+
| 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)

D2_84016_Suyash>
```

Q2. Write a query that gives the names of both the salesperson and the customer for each order along with the order number.

Ans.

```
D2_84016_Suyash>select Sname,Onum,Cname from SALESPeople,ORDERS,CUSTOMERS where CUSTOMERS.Cnum = ORDERS.Cnum AND CUSTOMERS.Snum = SALESPeople.Snum order by 1;
+-----+-----+-----+
| Sname | Onum | Cname |
+-----+-----+-----+
| Axelrod | 3009 | Giovanni |
| Motika | 3002 | Pereira |
| Peel | 3003 | Hoffman |
| Peel | 3008 | Clemens |
| Peel | 3011 | Clemens |
| Rifkin | 3001 | Cisneros |
| Rifkin | 3006 | Cisneros |
| Serres | 3005 | Liu |
| Serres | 3007 | Grass |
| Serres | 3010 | Grass |
+-----+-----+-----+
10 rows in set (0.00 sec)

D2_84016_Suyash>
```

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.

Ans.

```
D2_84016_Suyash>select Cname,Sname,Comm from SALESPEOPLE,CUSTOMERS where Comm>0.12 AND CUSTOMERS.Snum = SALESPEOPLE.Snum order by 1;
```

Cname	Sname	Comm
Cisneros	Rifkin	0.15
Grass	Serres	0.13
Liu	Serres	0.13

```
3 rows in set (0.00 sec)
```

D2_84016_Suyash>

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

Ans.

```
D2_84016_Suyash>select Comm,Rating from CUSTOMERS,SALESPEOPLE where Rating>100 AND CUSTOMERS.Snum=SALESPEOPLE.Snum;
```

Comm	Rating
0.13	300
0.13	200
0.15	300
0.1	200

```
4 rows in set (0.00 sec)
```