

SQL ASSIGNMENT – 09

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

Ans :-

```
D5_tejas_84011>SELECT Onum, 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 (0.01 sec)
```

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

Ans :-

```
D5_tejas_84011>SELECT Sname, Cname, Onum FROM ORDERS , CUSTOMERS , SALESPeOPLE WHERE ORDERS.snum=CUSTOMERS.snum
-> AND ORDERS.snum=SALESPeOPLE.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)
```

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 :-

```
D5_tejas_84011>SELECT Cname,s.Snum,Comm*100 "RATE OF COMM." FROM CUSTOMERS c,SALESPEOPLE s WHERE c.Snum=s.Snum AND Comm>0.12 ;
+-----+-----+
| Cname  | Snum | RATE OF COMM. |
+-----+-----+
| Liu    | 1002 | 13.00         |
| Grass  | 1002 | 13.00         |
| Cisneros | 1007 | 15.00         |
+-----+-----+
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 with a rating above 100.

Ans :-

```
D5_tejas_84011>SELECT Amt,Comm FROM SALESPEOPLE JOIN CUSTOMERS using(Snum)JOIN ORDERS using(Snum)WHERE Rating>100;
+-----+-----+
| Amt    | Comm |
+-----+-----+
| 18.69  | 0.15 |
| 5160.45 | 0.13 |
| 5160.45 | 0.13 |
| 1098.16 | 0.15 |
| 1713.23 | 0.10 |
| 75.75  | 0.13 |
| 75.75  | 0.13 |
| 1309.95 | 0.13 |
| 1309.95 | 0.13 |
+-----+-----+
9 rows in set (0.00 sec)
```