Table 1: SalesPeople:

```
MySQL 8.0 Command Line Client
Enter password: ***********
Welcome to the MySQL monitor.  Commands end with ; or \g.
Your MySQL connection id is 30
Server version: 8.0.27 MySQL Community Server - GPL

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owners.

Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.

mysql> SOURCE C:\Users\Omkar\mysql12\Assi.sql
Query OK, 1 row affected (0.01 sec)

Database changed
Query OK, 0 rows affected (0.04 sec)

Query OK, 5 rows affected (0.00 sec)
Records: 5  Duplicates: 0  Warnings: 0

+------+---------+-----------+------+
| Snum | Sname   | City      | Comm |
+------+---------+-----------+------+
| 1001 | Peel    | London    |   12 |
| 1002 | Serres  | Sanjose   |   13 |
| 1003 | Axelrod | Newyork   |   10 |
| 1004 | Motika  | London    |   11 |
| 1007 | Rifkin  | Barcelona |   15 |
+------+---------+-----------+------+
5 rows in set (0.00 sec)
```

Table 2: Customers:

```
+------+----------+---------+------+
| Cnum | Cname    | City    | Snum |
+------+----------+---------+------+
| 2001 | Hoffman  | London  | 1001 |
| 2002 | Giovanni | Rome    | 1003 |
| 2003 | Liu      | Sanjose | 1002 |
| 2004 | Grass    | Berlin  | 1002 |
| 2006 | Clemens  | London  | 1001 |
| 2007 | Pereira  | Rome    | 1004 |
| 2008 | Cisneros | Sanjose | 1007 |
+------+----------+---------+------+
7 rows in set (0.00 sec)
```

Table 3: Orders:

Onum	Amt	Odate	Cnum	Snum
3001	18.69	1990-10-03	2008	1007
3002	1900.1	1990-10-03	2007	1004
3003	767.19	1990-10-03	2001	1001
3005	5160.45	1990-10-03	2003	1002
3006	1098.16	1990-10-03	2008	1007
3007	75.75	1990-10-04	2004	1002
3008	4273	1990-10-05	2006	1001
3009	1713.23	1990-10-04	2002	1003
3010	1309.95	1990-10-06	2004	1002
3011	9891.88	1990-10-06	2006	1001

10 rows in set (0.00 sec)

1. Count the number of Salesperson whose name begin with 'a'/'A'.

SELECT COUNT(Sname) FROM salespeople WHERE Sname LIKE "A%";

```
+----------------+
| COUNT(Sname)   |
+----------------+
|             1  |
+----------------+
1 row in set (0.00 sec)
```

SELECT COUNT(Sname) FROM salespeople WHERE BINARY Sname LIKE "a%";

```
+--------------+
| COUNT(Sname) |
+--------------+
|            0 |
+--------------+
1 row in set, 1 warning (0.00 sec)
```

SELECT * FROM salespeople WHERE BINARY Sname LIKE "A%";

```
+------+---------+---------+------+
| Snum | Sname   | City    | Comm |
+------+---------+---------+------+
| 1003 | Axelrod | Newyork |   10 |
+------+---------+---------+------+
1 row in set, 1 warning (0.00 sec)
```

SELECT * FROM salespeople WHERE BINARY Sname LIKE "a%";

```
Empty set, 1 warning (0.00 sec)
```

2. Display all the Salesperson whose all orders worth is more than Rs. 2000.

SELECT salespeople.Sname,orders.Amt FROM salespeople INNER JOIN orders ON salespeople.Snum = orders.Snum WHERE Amt>2000;

```
+----------+----------+
| Sname    | Amt      |
+----------+----------+
| Serres   | 5160.45  |
| Peel     |    4273  |
| Peel     | 9891.88  |
+----------+----------+
```

3. Count the number of Salesperson belonging to Newyork.

SELECT COUNT(City) AS City_Name FROM salespeople WHERE City = "Newyork";

```
+-------------+
| City_Name   |
+-------------+
|          1  |
+-------------+
1 row in set (0.00 sec)
```

SELECT * FROM salespeople WHERE City = "Newyork";

```
+------+---------+---------+------+
| Snum | Sname   | City    | Comm |
+------+---------+---------+------+
| 1003 | Axelrod | Newyork |   10 |
+------+---------+---------+------+
1 row in set (0.00 sec)
```

4. Display the number of Salespeople belonging to London and belonging to Paris.

SELECT * FROM salespeople WHERE City IN ("London","Paris");

```
+------+--------+--------+------+
| Snum | Sname  | City   | Comm |
+------+--------+--------+------+
| 1001 | Peel   | London |   12 |
| 1004 | Motika | London |   11 |
+------+--------+--------+------+
2 rows in set (0.00 sec)
```

5. Display the number of orders taken by each Salesperson and their date of orders.

SELECT salespeople.Sname,COUNT(orders.Onum) AS "Numbers of Orders",orders.Odate FROM salespeople INNER JOIN orders ON salespeople.Snum = orders.Snum GROUP BY salespeople.Sname;

```
+---------+-------------------+------------+
| Sname   | Numbers of Orders | Odate      |
+---------+-------------------+------------+
| Axelrod |                 1 | 1990-10-04 |
| Motika  |                 1 | 1990-10-03 |
| Peel    |                 3 | 1990-10-03 |
| Rifkin  |                 2 | 1990-10-03 |
| Serres  |                 3 | 1990-10-03 |
+---------+-------------------+------------+
```

SELECT salespeople.Sname,orders.Onum,orders.Odate FROM salespeople INNER JOIN orders ON salespeople.Snum = orders.Snum;

```
+---------+------+------------+
| Sname   | Onum | Odate      |
+---------+------+------------+
| Axelrod | 3009 | 1990-10-04 |
| Motika  | 3002 | 1990-10-03 |
| Peel    | 3003 | 1990-10-03 |
| Peel    | 3008 | 1990-10-05 |
| Peel    | 3011 | 1990-10-06 |
| Rifkin  | 3001 | 1990-10-03 |
| Rifkin  | 3006 | 1990-10-03 |
| Serres  | 3005 | 1990-10-03 |
| Serres  | 3007 | 1990-10-04 |
| Serres  | 3010 | 1990-10-06 |
+---------+------+------------+
10 rows in set (0.00 sec)
```