

ASSIGNMENT 13

```
Enter password: ****
Welcome to the MySQL monitor.  Commands end with ; or \g.
Your MySQL connection id is 29
Server version: 8.0.41 MySQL Community Server - GPL

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owners.

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

mysql> show databases;
+-----+
| Database |
+-----+
| assignment1 |
| information_schema |
| mysql |
| performance_schema |
| sys |
| vaibhavdb |
+-----+
6 rows in set (0.00 sec)

mysql> use assignment1;
Database changed
mysql> show tables;
+-----+
| Tables_in_assignment1 |
+-----+
| customers |
| orders |
| salespeople |
+-----+
3 rows in set (0.00 sec)
```

```
mysql> SELECT CNAME, CITY, RATING, 'High Rating' AS RATING_TYPE FROM CUSTOMERS
-> WHERE RATING >= 200
-> UNION
-> SELECT CNAME, CITY, RATING, 'Low Rating' AS RATING_TYPE FROM CUSTOMERS
-> WHERE RATING < 200;
+-----+
| CNAME | CITY | RATING | RATING_TYPE |
+-----+
| Giovanni | Rome | 200 | High Rating |
| Liu | San Jose | 300 | High Rating |
| Grass | Berlin | 300 | High Rating |
| Cisneros | San Jose | 300 | High Rating |
| Hoffman | London | 100 | Low Rating |
| Clemens | London | 100 | Low Rating |
| Pereira | Rome | 100 | Low Rating |
+-----+
7 rows in set (0.03 sec)

mysql> SELECT SNUM "ID", SNAME "NAME" FROM SALESPEOPLE
-> UNION
-> SELECT CUSTOMERS.CNUM "ID", CNAME "NAME" FROM CUSTOMERS
-> JOIN ORDERS ON CUSTOMERS.CNUM = ORDERS.CNUM
-> GROUP BY CUSTOMERS.CNUM, CNAME
-> HAVING COUNT(ONUM)>1;
+-----+
| ID | NAME |
+-----+
| 1001 | peel |
| 1002 | serres |
| 1004 | Rifkin |
| 1003 | Axelrod |
| 1001 | jose |
| 2008 | Cisneros |
| 2004 | Grass |
| 2006 | Clemens |
+-----+
8 rows in set (0.00 sec)
```

```
mysql> SELECT SNUM FROM SALESPeOPLE
-> WHERE CITY = 'San Jose'
-> UNION
-> SELECT CNUM FROM CUSTOMERS
-> WHERE CITY = 'San Jose'
-> UNION
-> SELECT ONUM FROM ORDERS
-> WHERE ODATE = '1998-10-03';
+-----+
| SNUM |
+-----+
| 1002 |
| 2003 |
| 2008 |
+-----+
3 rows in set (0.00 sec)

mysql> |
```