```
Last login: Thu Apr  9 18:55:47 on ttys000
Serhiis-MacBook-Pro:~ serhii$ mysql -u root -p
Enter password:
Welcome to the MySQL monitor.  Commands end with ; or \g.
Your MySQL connection id is 24
Server version: 8.0.19 MySQL Community Server - GPL

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owners.

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

mysql>
mysql>
mysql> SELECT DATABASE;
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use near '' at line 1
mysql> SELECT DATABASE();
+------------+
| DATABASE() |
+------------+
| NULL       |
+------------+
1 row in set (0.00 sec)

mysql>
mysql>
mysql>
mysql>
mysql> SHOW DATABSES
    -> ;
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use near 'DATABSES' at line 1
mysql> SHOW DATABSES();
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use near 'DATABSES()' at line 1
mysql> SHOW DATABaSES();
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use near '()' at line 1
mysql> SHOW DATABASES;
+--------------------+
| Database           |
+--------------------+
| book_shop          |
| cat_app            |
| customers_and_orders |
| information_schema |
| instagram_clone    |
| mysql              |
| performance_schema |
| shirts_db          |
| soap_store         |
| sys                |
| tv_rewiev_app      |
+--------------------+
11 rows in set (0.04 sec)

mysql>
mysql>
mysql> CREATE DATABASE nodejs;
Query OK, 1 row affected (0.03 sec)

mysql> USE nodejs;
Database changed
mysql>
mysql>
mysql> SHOW DATABASES;
+--------------------+
| Database           |
+--------------------+
| book_shop          |
| cat_app            |
| customers_and_orders |
| information_schema |
| instagram_clone    |
| mysql              |
| nodejs             |
| performance_schema |
| shirts_db          |
| soap_store         |
| sys                |
| tv_rewiev_app      |
+--------------------+
12 rows in set (0.00 sec)

mysql> SELECT DATABASE();
+------------+
| DATABASE() |
+------------+
| nodejs     |
+------------+
1 row in set (0.00 sec)

mysql>
mysql>
mysql> CREATE TABLE users (
    ->     email VARCHAR(255) PRIMARY KEY,
    ->     created_at TIMESTAMP DEFAULT NOW()
    -> );
Query OK, 0 rows affected (0.04 sec)

mysql>
mysql>
mysql>
mysql> INSERT INTO users (email) VALUES('Katie34@yahoo.com'), ('Tunde@gmail.com');
Query OK, 2 rows affected (0.01 sec)
Records: 2  Duplicates: 0  Warnings: 0

mysql>
mysql>
mysql>
mysql>
mysql>
mysql> SELECT
    ->     DATE_FORMAT(MIN(created_at), "%M %D %Y") as earliest_date
    -> FROM users;
+---------------+
| earliest_date |
+---------------+
| April 10th 2020 |
+---------------+
1 row in set (0.01 sec)

mysql>
mysql>
mysql> SELECT *
    -> FROM   users
    -> WHERE  created_at = (SELECT Min(created_at)
    ->                       FROM   users);
+-------------------+---------------------+
| email             | created_at          |
+-------------------+---------------------+
| Katie34@yahoo.com | 2020-04-10 11:41:25 |
| Tunde@gmail.com   | 2020-04-10 11:41:25 |
+-------------------+---------------------+
2 rows in set (0.00 sec)

mysql>
mysql>
mysql> SELECT Monthname(created_at) AS month,
    ->     Count(*)             AS count
    -> FROM   users
    -> GROUP  BY month
    -> ORDER  BY count DESC;
+-------+-------+
| month | count |
+-------+-------+
| April |     2 |
+-------+-------+
1 row in set (0.00 sec)

mysql>
mysql>
mysql> SELECT Count(*) AS yahoo_users
    -> FROM   users
    -> WHERE  email LIKE '%@yahoo.com';
+-------------+
| yahoo_users |
+-------------+
|           1 |
+-------------+
1 row in set (0.00 sec)

mysql>
mysql>
mysql> SELECT CASE
    ->          WHEN email LIKE '%@gmail.com' THEN 'gmail'
    ->          WHEN email LIKE '%@yahoo.com' THEN 'yahoo'
    ->          WHEN email LIKE '%@hotmail.com' THEN 'hotmail'
    ->          ELSE 'other'
    ->        end     AS provider,
    ->        Count(*) AS total_users
    -> FROM   users
    -> GROUP  BY provider
    -> ORDER  BY total_users DESC;
```

```
+----------+-------------+
| provider | total_users |
+----------+-------------+
| yahoo    |           1 |
| gmail    |           1 |
+----------+-------------+
2 rows in set (0.00 sec)

mysql>
mysql>
mysql>
mysql>
mysql>
mysql>
mysql>
mysql>
mysql>
```