

```
C:\Program Files\MySQL\MySQL Server 9.3\bin>mysql -h localhost -u root -p
```

```
Enter password: ****
```

```
Welcome to the MySQL monitor.  Commands end with ; or \g.
```

```
Your MySQL connection id is 12
```

```
Server version: 11.7.2-MariaDB mariadb.org binary distribution
```

```
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```

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owners.
```

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

```
mysql> create database bank;
```

```
Query OK, 1 row affected (0.010 sec)
```

```
mysql> show database;
```

```
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your  
MariaDB server version for the right syntax to use near 'database' at line 1
```

```
mysql>
```

```
mysql> show databases;
```

```
+-----+  
| Database      |  
+-----+  
| bank          |  
| bank_system   |  
| information_schema |  
| mysql         |
```

```
| performance_schema |  
| sys                |
```

```
+-----+
```

6 rows in set (0.007 sec)

```
mysql> use bank;
```

Database changed

```
mysql> CREATE TABLE customer (
```

```
->  customer_id INT,  
->  name VARCHAR(30),  
->  address VARCHAR(50),  
->  contactno BIGINT,  
->  PRIMARY KEY (customer_id)  
-> );
```

Query OK, 0 rows affected (0.123 sec)

```
mysql> CREATE TABLE account ( account_number INT PRIMARY KEY,  customer_id INT,  
account_type VARCHAR(30),  FOREIGN KEY (customer_id) REFERENCES customer(customer_id );
```

Query OK, 0 rows affected (0.848 sec)

```
mysql> CREATE USER 'amit'@'localhost' IDENTIFIED BY 'amit_123';
```

Query OK, 0 rows affected (0.051 sec)

```
mysql> GRANT SELECT, INSERT, UPDATE, DELETE ON bank.customer TO 'amit'@'localhost';
```

Query OK, 0 rows affected (0.042 sec)

```
mysql> GRANT SELECT, INSERT, UPDATE, DELETE ON bank.account TO 'amit'@'localhost';
```

Query OK, 0 rows affected (0.019 sec)

```
mysql> ALTER TABLE custmer add CONSTRAINT check_val CHECK(custmer_id > 1000);
```

```
ERROR 4161 (HY000): Unknown data type: 'check_val'
```

```
mysql> ALTER TABLE customer ADD CONSTRAINT check_val CHECK (customer_id > 1000);
```

```
Query OK, 0 rows affected (0.485 sec)
```

```
Records: 0 Duplicates: 0 Warnings: 0
```

```
mysql> ALTER TABLE customer ADD email VARCHAR(100);
```

```
Query OK, 0 rows affected (0.308 sec)
```

```
Records: 0 Duplicates: 0 Warnings: 0
```

```
mysql> CREATE TABLE employee (
```

```
-> employee_id INT PRIMARY KEY,
```

```
-> name VARCHAR(50),
```

```
-> salary INT,
```

```
-> role VARCHAR(30)
```

```
-> );
```

```
Query OK, 0 rows affected (0.116 sec)
```

```
mysql> CREATE TABLE transaction ( transaction_id INT PRIMARY KEY, account_number INT, amount  
INT, FOREIGN KEY (account_number) REFERENCES account(account_number));
```

```
Query OK, 0 rows affected (0.144 sec)
```

```
mysql> CREATE USER 'manager'@'localhost' IDENTIFIED BY 'manager1234';
```

```
Query OK, 0 rows affected (0.048 sec)
```

```
mysql> GRANT ALL PRIVILEGES ON bank.* TO 'manager'@'localhost';
```

```
Query OK, 0 rows affected (0.024 sec)
```

User amit

```
C:\Program Files\MySQL\MySQL Server 9.3\bin>mysql -u amit -p
```

```
Enter password: *****
```

```
Welcome to the MySQL monitor.  Commands end with ; or \g.
```

```
Your MySQL connection id is 16
```

```
Server version: 11.7.2-MariaDB mariadb.org binary distribution
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```
Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.
```

```
mysql> USE bank;
```

```
Database changed
```

```
mysql> SELECT * FROM customer;
```

```
Empty set (0.057 sec)
```

```
mysql> SELECT * FROM account;
```

```
Empty set (0.020 sec)
```

User manager

```
C:\Program Files\MySQL\MySQL Server 9.3\bin>mysql -u manager -p
```

```
Enter password: *****
```

```
Welcome to the MySQL monitor.  Commands end with ; or \g.
```

```
Your MySQL connection id is 18
```

```
Server version: 11.7.2-MariaDB mariadb.org binary distribution
```

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```

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

```
mysql> use bank;
```

```
Database changed
```

```
mysql> show TABLES
```

```
-> show TABLES;
```

```
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your  
MariaDB server version for the right syntax to use near 'show TABLES' at line 2
```

```
mysql> SHOW TABLES;
```

```
+-----+
```

```
| Tables_in_bank |
```

```
+-----+
```

```
| account      |
```

```
| customer    |
```

```
| employee    |
```

| transaction |

+-----+

4 rows in set (0.006 sec)

mysql> SELECT * FROM customer

-> SELECT * FROM customer;

ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MariaDB server version for the right syntax to use near 'SELECT * FROM customer' at line 2

mysql> SELECT * FROM customer;

Empty set (0.025 sec)