

PRACTICCAL NO :2

Microsoft Windows [Version 10.0.19045.6093]

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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 8

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> SHOW DATABASES;
```

```
+-----+
| Database      |
+-----+
| information_schema |
| mysql          |
| performance_schema |
| sys            |
+-----+
```

4 rows in set (0.307 sec)

```
mysql> CREATE DATABASE bank_system;
```

Query OK, 1 row affected (0.062 sec)

```
mysql> SHOW DATABASES;
```

```
+-----+
| Database      |
+-----+
| bank_system   |
| information_schema |
| mysql         |
| performance_schema |
| sys          |
+-----+
```

5 rows in set (0.006 sec)

```
mysql> CREATE TABLE Bank ( bank_id INT , bank_name VARCHAR(20),branch_address VARCHAR(20));
```

ERROR 1046 (3D000): No database selected

```
mysql> USE bank_system;
```

Database changed

```
mysql> CREATE TABLE Bank ( bank_id INT , bank_name VARCHAR(20),branch_address VARCHAR(20));
```

Query OK, 0 rows affected (0.214 sec)

```
mysql> show bank;
```

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 'bank' at line 1

```
mysql> desc bank;
```

```
+-----+-----+-----+-----+-----+-----+
| Field      | Type    | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| bank_id    | int(11) | YES  |     | NULL    |       |
```

bank_name	varchar(20)	YES		NULL		
branch_address	varchar(20)	YES		NULL		

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

3 rows in set (0.151 sec)

```
mysql> ALTER TABLE Bank
```

```
-> MODIFY bank_id INT NOT NULL;
```

Query OK, 0 rows affected (0.414 sec)

Records: 0 Duplicates: 0 Warnings: 0

```
mysql> desc bank;
```

Field	Type	Null	Key	Default	Extra
bank_id	int(11)	NO		NULL	
bank_name	varchar(20)	YES		NULL	
branch_address	varchar(20)	YES		NULL	

3 rows in set (0.114 sec)

```
mysql> INSERT INTO Bank (bank_id, bank_name, branch_address)
```

```
-> VALUES (1, 'First National Bank', '123 Main St'),
```

```
-> (2, 'City Bank', '456 Elm St');
```

Query OK, 2 rows affected (0.414 sec)

Records: 2 Duplicates: 0 Warnings: 0

```
mysql> desc bank;
```

Field	Type	Null	Key	Default	Extra
-------	------	------	-----	---------	-------

bank_id	int(11)	NO		NULL		
bank_name	varchar(20)	YES		NULL		
branch_address	varchar(20)	YES		NULL		

3 rows in set (0.100 sec)

mysql> USE bank_system;

Database changed

mysql>

mysql> SELECT * FROM User;

ERROR 1146 (42S02): Table 'bank_system.user' doesn't exist

mysql>

mysql> USE bank_system;

Database changed

mysql>

mysql> SELECT * FROM Bank;

bank_id	bank_name	branch_address
1	First National Bank	123 Main St
2	City Bank	456 Elm St

2 rows in set (0.007 sec)

mysql> CREATE USER 'newuser'@'localhost' IDENTIFIED BY 'password123';

Query OK, 0 rows affected (0.080 sec)

mysql> GRANT ALL PRIVILEGES ON bank_system.* TO 'newuser'@'localhost';

Query OK, 0 rows affected (0.036 sec)

```
mysql> FLUSH PRIVILEGES;
```

Query OK, 0 rows affected (0.013 sec)