**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)