

## Assignment\_2

Enter password: \*\*\*\*\*

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

Your MySQL connection id is 10

Server version: 8.0.37 MySQL Community Server - GPL

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

```
mysql> show databases;
```

Database
college
employee
information_schema
mysql
performance_schema
sakila
sys
world

8 rows in set (0.00 sec)

```
mysql> create database lab_assignment
```

```
-> ;
```

Query OK, 1 row affected (0.02 sec)

```
mysql> show databases;
```

Database
college
employee
information_schema
lab_assignment
mysql
performance_schema
sakila
sys
world

9 rows in set (0.00 sec)

```
mysql> use lab_assignment;
```

Database changed

```
mysql> CREATE TABLE Client_Master (
```

```
->     ClientNO VARCHAR(10),
```

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

```
->     Address VARCHAR(100),
```

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

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

```
->     bal_due DECIMAL(10, 2)
```

```
-> );
```

Query OK, 0 rows affected (0.04 sec)

```
mysql> INSERT INTO Client_Master (ClientNO, Name, Address, City, State, bal_due)
-> VALUES
-> ('C101', 'Alice Johnson', '123 Maple St', 'Springfield', 'IL', 4500.00),
-> ('C102', 'Bob Smith', '456 Oak St', 'Lincoln', 'NE', 5200.00),
-> ('C103', 'Charlie Brown', '789 Pine St', 'Madison', 'WI', 3000.00),
-> ('C104', 'Diana Prince', '101 Birch St', 'Salem', 'OR', 6500.00),
-> ('C123', 'Eve Adams', '202 Cedar St', 'Reno', 'NV', 4800.00);
```

Query OK, 5 rows affected (0.01 sec)

Records: 5 Duplicates: 0 Warnings: 0

```
mysql> SELECT * FROM Client_Master;
```

ClientNO	Name	Address	City	State	bal_due
C101	Alice Johnson	123 Maple St	Springfield	IL	4500.00
C102	Bob Smith	456 Oak St	Lincoln	NE	5200.00
C103	Charlie Brown	789 Pine St	Madison	WI	3000.00
C104	Diana Prince	101 Birch St	Salem	OR	6500.00
C123	Eve Adams	202 Cedar St	Reno	NV	4800.00

5 rows in set (0.00 sec)

```
mysql> SELECT Name FROM Client_Master WHERE bal_due > 5000;
```

Name
Bob Smith
Diana Prince

2 rows in set (0.00 sec)

```
mysql> UPDATE Client_Master SET bal_due = 5100.00 WHERE ClientNO = 'C123';
```

Query OK, 1 row affected (0.02 sec)

Rows matched: 1 Changed: 1 Warnings: 0

```
mysql> RENAME TABLE Client_Master TO Client12;
```

Query OK, 0 rows affected (0.02 sec)

```
mysql> SELECT ClientNO, Name, Address, City, State, bal_due AS BALANCE FROM Client12;
```

ClientNO	Name	Address	City	State	BALANCE
C101	Alice Johnson	123 Maple St	Springfield	IL	4500.00
C102	Bob Smith	456 Oak St	Lincoln	NE	5200.00
C103	Charlie Brown	789 Pine St	Madison	WI	3000.00
C104	Diana Prince	101 Birch St	Salem	OR	6500.00
C123	Eve Adams	202 Cedar St	Reno	NV	5100.00

5 rows in set (0.00 sec)

```
mysql>
```