

## 1) LOGIN TABLE

```
Windows PowerShell
Welcome to the MySQL monitor.  Commands end with ; or \g.
Your MySQL connection id is 13
Server version: 8.0.28 MySQL Community Server - GPL

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owners.

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

mysql> create schema finance;
Query OK, 1 row affected (0.01 sec)

mysql> use finance;
Database changed
mysql> create table Login(login_id int not null primary key, Username varchar(10) not null, Password
varchar(10) not null);
Query OK, 0 rows affected (0.05 sec)

mysql> |
```

## 2) ALTER (RENAME)

```
mysql> alter table Login rename column login_id to LoginId;
Query OK, 0 rows affected (0.04 sec)
Records: 0  Duplicates: 0  Warnings: 0

mysql> desc Login;
+-----+-----+-----+-----+-----+-----+
| Field      | Type          | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| LoginId    | int           | NO   | PRI | NULL    |       |
| Username   | varchar(10)   | NO   |     | NULL    |       |
| Password   | varchar(10)   | NO   |     | NULL    |       |
+-----+-----+-----+-----+-----+-----+
3 rows in set (0.04 sec)
```

### 3) ALTER (ADD), (MODIFY)

```
mysql> desc Login;
+-----+-----+-----+-----+-----+-----+
| Field      | Type          | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| LoginId    | int           | NO   | PRI | NULL    |       |
| Username   | varchar(10)   | NO   |     | NULL    |       |
| Password   | varchar(10)   | NO   |     | NULL    |       |
| Description | varchar(10)   | YES  |     | NULL    |       |
+-----+-----+-----+-----+-----+-----+
4 rows in set (0.00 sec)
```

```
mysql> alter table Login modify Description varchar(100);
Query OK, 0 rows affected (0.07 sec)
Records: 0  Duplicates: 0  Warnings: 0
```

```
mysql> desc Login;
+-----+-----+-----+-----+-----+-----+
| Field      | Type          | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| LoginId    | int           | NO   | PRI | NULL    |       |
| Username   | varchar(10)   | NO   |     | NULL    |       |
| Password   | varchar(10)   | NO   |     | NULL    |       |
| Description | varchar(100)  | YES  |     | NULL    |       |
+-----+-----+-----+-----+-----+-----+
4 rows in set (0.01 sec)
```

### 4) DROP

```
mysql> alter table Login drop column Description;
Query OK, 0 rows affected (0.06 sec)
Records: 0  Duplicates: 0  Warnings: 0
```

```
mysql> desc Login;
+-----+-----+-----+-----+-----+-----+
| Field      | Type          | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| LoginId    | int           | NO   | PRI | NULL    |       |
| Username   | varchar(10)   | NO   |     | NULL    |       |
| Password   | varchar(10)   | NO   |     | NULL    |       |
+-----+-----+-----+-----+-----+-----+
3 rows in set (0.00 sec)
```

## 5) USER TABLE

```
mysql> create table User(Username varchar(10) not null, Name varchar(10) not null,
  Mobile varchar(10) not null, Email varchar(20) not null, Address varchar(30) not
  null);
Query OK, 0 rows affected (0.06 sec)

mysql> desc User;
+-----+-----+-----+-----+-----+-----+
| Field | Type          | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| Username | varchar(10) | NO   |     | NULL    |       |
| Name      | varchar(10) | NO   |     | NULL    |       |
| Mobile    | varchar(10) | NO   |     | NULL    |       |
| Email     | varchar(20) | NO   |     | NULL    |       |
| Address   | varchar(30) | NO   |     | NULL    |       |
+-----+-----+-----+-----+-----+-----+
5 rows in set (0.01 sec)
```

## 6) EXPENSES TABLE

```
mysql> create table Expenses(Exp_id int not null primary key, Expense_amt int not null,
  -> not null);
Query OK, 0 rows affected (0.03 sec)

mysql> desc Expenses;
+-----+-----+-----+-----+-----+-----+
| Field          | Type          | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| Exp_id         | int           | NO   | PRI | NULL    |       |
| Expense_amt    | int           | NO   |     | NULL    |       |
| Expense_desc   | varchar(20)   | NO   |     | NULL    |       |
+-----+-----+-----+-----+-----+-----+
3 rows in set (0.01 sec)
```

## 7) SAVINGS TABLE

```
mysql> create table Savings(Save_id int not null primary key,
  -> Save_amt int not null, save_desc varchar(20) not null );
Query OK, 0 rows affected (0.02 sec)

mysql> desc Savings;
+-----+-----+-----+-----+-----+-----+
| Field          | Type          | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| Save_id       | int           | NO   | PRI | NULL    |       |
| Save_amt      | int           | NO   |     | NULL    |       |
| save_desc     | varchar(20)   | NO   |     | NULL    |       |
+-----+-----+-----+-----+-----+-----+
3 rows in set (0.00 sec)
```