

Windows PowerShell
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PS C:\Users\Pranali> mysql -u Vrushali -p
Enter password: *****
Welcome to the MySQL monitor. Commands end with ; or \g.
Your MySQL connection id is 27
Server version: 8.0.39 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 |
+-----+
| bankdb   |
| finflow |
| fitness  |
| information_schema |
| mental_health_db |
| mysql    |
| performance_schema |
| pharmacy_management_system |
| sakila   |
| sys      |
| world    |
+-----+
11 rows in set (0.01 sec)
```

```
mysql> use bankdb;
Database changed
mysql> describe users;
+-----+-----+-----+-----+-----+-----+
| Field | Type | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| id     | int  | NO   | PRI | NULL    | auto_increment |
| account_number | bigint | YES  | UNI | NULL    |
| account_holder_name | varchar(100) | NO | NULL |
| username | varchar(50) | NO | UNI | NULL    |
| email   | varchar(100) | NO | UNI | NULL    |
| gender  | varchar(10) | NO   |      | NULL    |
| dob     | date  | NO   |      | NULL    |
| pin     | varchar(64) | NO   |      | NULL    |
| balance | decimal(10,2) | YES |      | 20000.00 |
| tpin    | varchar(255) | NO   |      | 0000000 |
+-----+-----+-----+-----+-----+-----+
10 rows in set (0.01 sec)
```

```
mysql> show tables;
+-----+
| Tables_in_bankdb |
+-----+
| expenses          |
| loan_repayments   |
| loans             |
| money_requests     |
| money_requests_v2 |
| transactions       |
| users              |
+-----+
7 rows in set (0.01 sec)
```

```
mysql> describe tables;
ERROR 1146 (42S02): Table 'bankdb.tables' doesn't exist
mysql> describe expenses;
+-----+-----+-----+-----+-----+-----+
| Field | Type | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| id     | int  | NO   | PRI | NULL    | auto_increment |
| account_number | bigint | YES  | MUL | NULL    |
| transaction_id | int   | YES  | MUL | NULL    |
| category    | varchar(50) | YES  |      | NULL    |
| amount      | decimal(10,2) | YES  |      | NULL    |
| expense_date | timestamp | YES  |      | CURRENT_TIMESTAMP | DEFAULT_GENERATED |
| notes       | text  | YES  |      | NULL    |
+-----+-----+-----+-----+-----+-----+
7 rows in set (0.01 sec)
```

```
mysql> describe loans;
+-----+-----+-----+-----+-----+-----+
| Field | Type | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| loan_id | int | NO | PRI | NULL | auto_increment |
| customer_name | varchar(255) | YES |      | NULL |
| loan_amount | decimal(10,2) | YES |      | NULL |
| loan_duration | int | YES |      | NULL |
| loan_status | varchar(50) | YES |      | NULL |
| remaining_balance | decimal(10,2) | YES |      | NULL |
| interest_rate | decimal(5,2) | YES |      | 10.00 |
| total_repayment | decimal(10,2) | YES |      | NULL |
| account_number | varchar(20) | YES |      | NULL |
| application_date | date | YES |      | NULL |
+-----+-----+-----+-----+-----+-----+
10 rows in set (0.00 sec)
```

```
mysql> describe transactions;
+-----+-----+-----+-----+-----+-----+
| Field | Type | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| id | int | NO | PRI | NULL | auto_increment |
| sender_account | varchar(20) | NO |      | NULL |
| receiver_account | varchar(20) | NO |      | NULL |
| amount | decimal(10,2) | NO |      | NULL |
| transaction_date | timestamp | YES |      | CURRENT_TIMESTAMP | DEFAULT_GENERATED |
| category | varchar(50) | YES |      | NULL |
| notes | text | YES |      | NULL |
| transaction_type | enum('income','expense','transfer','debit') | YES |      | expense |
+-----+-----+-----+-----+-----+-----+
8 rows in set (0.00 sec)
```

```
mysql> describe mmoney_requests_v2;
ERROR 1146 (42S02): Table 'bankdb.mmoney_requests_v2' doesn't exist
mysql> describe money_requests_v2;
+-----+-----+-----+-----+-----+-----+
| Field | Type | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| request_id | int | NO | PRI | NULL | auto_increment |
| request_sender | varchar(255) | NO |      | NULL |
| request_receiver | varchar(255) | NO |      | NULL |
| amount | decimal(10,2) | NO |      | NULL |
| category | varchar(255) | YES |      | NULL |
| notes | text | YES |      | NULL |
| status | varchar(50) | YES |      | Pending |
| request_date | timestamp | YES |      | CURRENT_TIMESTAMP | DEFAULT_GENERATED |
+-----+-----+-----+-----+-----+-----+
8 rows in set (0.00 sec)
```

```
mysql> describe loan_repayments;
+-----+-----+-----+-----+-----+-----+
| Field | Type | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| repayment_id | int | NO | PRI | NULL | auto_increment |
| loan_id | int | YES | MUL | NULL |
| amount_paid | decimal(10,2) | YES |      | NULL |
| payment_date | timestamp | YES |      | CURRENT_TIMESTAMP | DEFAULT_GENERATED |
| remaining_balance | decimal(10,2) | YES |      | NULL |
+-----+-----+-----+-----+-----+-----+
5 rows in set (0.00 sec)
```