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

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

Your MySQL connection id is 14

Server version: 8.0.19 MySQL Community Server - GPL

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owners.

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

mysql> show databases;

+--------------------+

| Database |

+--------------------+

| corona |

| information\_schema |

| mysql |

| performance\_schema |

| sakila |

| sys |

| world |

+--------------------+

7 rows in set (0.00 sec)

mysql> create database bank;

Query OK, 1 row affected (0.19 sec)

mysql> show databases;

+--------------------+

| Database |

+--------------------+

| bank |

| corona |

| information\_schema |

| mysql |

| performance\_schema |

| sakila |

| sys |

| world |

+--------------------+

8 rows in set (0.00 sec)

mysql> use bank;

Database changed

mysql> show tables;

Empty set (0.00 sec)

mysql> CREATE TABLE `account\_details` ( `account\_id` int(11) NOT NULL AUTO\_INCREMENT, `pin` int(6) DEFAULT NULL, `amount` double DEFAULT NULL, `account\_type` int(11) DEFAULT NULL, `bank\_branch\_id` int(11) DEFAULT NULL, PRIMARY KEY (`account\_id`), UNIQUE KEY `bank\_accounts\_UNIQUE` (`account\_id`));

Query OK, 0 rows affected, 4 warnings (0.93 sec)

mysql> show tables;

+-----------------+

| Tables\_in\_bank |

+-----------------+

| account\_details |

+-----------------+

1 row in set (0.00 sec)

mysql> describe account\_details;

+----------------+--------+------+-----+---------+----------------+

| Field | Type | Null | Key | Default | Extra |

+----------------+--------+------+-----+---------+----------------+

| account\_id | int | NO | PRI | NULL | auto\_increment |

| pin | int | YES | | NULL | |

| amount | double | YES | | NULL | |

| account\_type | int | YES | | NULL | |

| bank\_branch\_id | int | YES | | NULL | |

+----------------+--------+------+-----+---------+----------------+

5 rows in set (0.01 sec)

mysql> CREATE TABLE `deposit\_cash` ( `customer\_id` int(11) NOT NULL AUTO\_INCREMENT, `name` varchar(45) DEFAULT NULL, `amount` int(20) DEFAULT NULL, `time` int(45) DEFAULT NULL, PRIMARY KEY (`customer\_id`), UNIQUE KEY `bank\_branch\_id\_UNIQUE` (`customer\_id`));

Query OK, 0 rows affected, 3 warnings (0.92 sec)

mysql> describe deposit\_cash;

+-------------+-------------+------+-----+---------+----------------+

| Field | Type | Null | Key | Default | Extra |

+-------------+-------------+------+-----+---------+----------------+

| customer\_id | int | NO | PRI | NULL | auto\_increment |

| name | varchar(45) | YES | | NULL | |

| amount | int | YES | | NULL | |

| time | int | YES | | NULL | |

+-------------+-------------+------+-----+---------+----------------+

4 rows in set (0.01 sec)

mysql> CREATE TABLE `Withdraw\_cash` ( `customer\_id` int(11) NOT NULL AUTO\_INCREMENT, `name` varchar(45) DEFAULT NULL, `amount` int(20) DEFAULT NULL, `time` int(45) DEFAULT NULL, PRIMARY KEY (`customer\_id`), UNIQUE KEY `bank\_branch\_id\_UNIQUE` (`customer\_id`));

Query OK, 0 rows affected, 3 warnings (0.75 sec)

mysql> describe Withdraw\_cash;

+-------------+-------------+------+-----+---------+----------------+

| Field | Type | Null | Key | Default | Extra |

+-------------+-------------+------+-----+---------+----------------+

| customer\_id | int | NO | PRI | NULL | auto\_increment |

| name | varchar(45) | YES | | NULL | |

| amount | int | YES | | NULL | |

| time | int | YES | | NULL | |

+-------------+-------------+------+-----+---------+----------------+

4 rows in set (0.01 sec)

mysql> CREATE TABLE `customer` ( `customer\_id` int(11) NOT NULL AUTO\_INCREMENT, `nric` varchar(45) DEFAULT NULL, `username` varchar(45) DEFAULT NULL, `password` varchar(45) DEFAULT NULL, `givenname` varchar(45) DEFAULT NULL, `address` varchar(45) DEFAULT NULL, `gender` varchar(45) DEFAULT NULL, `nationality` varchar(45) DEFAULT NULL, `date\_of\_birth` timestamp NULL DEFAULT NULL, `date\_of\_join` timestamp NULL DEFAULT NULL, PRIMARY KEY (`customer\_id`), UNIQUE KEY `userid\_UNIQUE` (`customer\_id`));

Query OK, 0 rows affected, 1 warning (0.62 sec)

mysql> describe customer;

+---------------+-------------+------+-----+---------+----------------+

| Field | Type | Null | Key | Default | Extra |

+---------------+-------------+------+-----+---------+----------------+

| customer\_id | int | NO | PRI | NULL | auto\_increment |

| nric | varchar(45) | YES | | NULL | |

| username | varchar(45) | YES | | NULL | |

| password | varchar(45) | YES | | NULL | |

| givenname | varchar(45) | YES | | NULL | |

| address | varchar(45) | YES | | NULL | |

| gender | varchar(45) | YES | | NULL | |

| nationality | varchar(45) | YES | | NULL | |

| date\_of\_birth | timestamp | YES | | NULL | |

| date\_of\_join | timestamp | YES | | NULL | |

+---------------+-------------+------+-----+---------+----------------+

10 rows in set (0.00 sec)

mysql> CREATE TABLE `transfer\_money` ( `transaction\_id` int(11) NOT NULL AUTO\_INCREMENT, `customer\_id\_by` int(11) DEFAULT NULL, `account\_id` int(11) DEFAULT NULL, `account\_id\_to` int(11) DEFAULT NULL, `transaction\_type` tinyint(4) DEFAULT NULL, `amount\_to\_transfer` double DEFAULT NULL, `transaction\_time` timestamp NULL DEFAULT NULL, PRIMARY KEY (`transaction\_id`), UNIQUE KEY `transaction\_id\_UNIQUE` (`transaction\_id`));

Query OK, 0 rows affected, 5 warnings (0.99 sec)

mysql> describe transfer\_money;

+--------------------+-----------+------+-----+---------+----------------+

| Field | Type | Null | Key | Default | Extra |

+--------------------+-----------+------+-----+---------+----------------+

| transaction\_id | int | NO | PRI | NULL | auto\_increment |

| customer\_id\_by | int | YES | | NULL | |

| account\_id | int | YES | | NULL | |

| account\_id\_to | int | YES | | NULL | |

| transaction\_type | tinyint | YES | | NULL | |

| amount\_to\_transfer | double | YES | | NULL | |

| transaction\_time | timestamp | YES | | NULL | |

+--------------------+-----------+------+-----+---------+----------------+

7 rows in set (0.01 sec)

mysql> show tables;

+-----------------+

| Tables\_in\_bank |

+-----------------+

| account\_details |

| customer |

| deposit\_cash |

| transfer\_money |

| withdraw\_cash |

+-----------------+

5 rows in set (0.00 sec)

mysql> CREATE TABLE `transaction\_history` ( `transaction\_id` int(11) NOT NULL AUTO\_INCREMENT, `customer\_id\_by` int(11) DEFAULT NULL, `account\_id` int(11) DEFAULT NULL, `account\_id\_to` int(11) DEFAULT NULL, `transaction\_type` tinyint(4) DEFAULT NULL, `transaction\_amount` double DEFAULT NULL, `transaction\_time` timestamp NULL DEFAULT NULL, PRIMARY KEY (`transaction\_id`), UNIQUE KEY `transaction\_id\_UNIQUE` (`transaction\_id`));

Query OK, 0 rows affected, 5 warnings (0.93 sec)

mysql> describe transaction\_history;

+--------------------+-----------+------+-----+---------+----------------+

| Field | Type | Null | Key | Default | Extra |

+--------------------+-----------+------+-----+---------+----------------+

| transaction\_id | int | NO | PRI | NULL | auto\_increment |

| customer\_id\_by | int | YES | | NULL | |

| account\_id | int | YES | | NULL | |

| account\_id\_to | int | YES | | NULL | |

| transaction\_type | tinyint | YES | | NULL | |

| transaction\_amount | double | YES | | NULL | |

| transaction\_time | timestamp | YES | | NULL | |

+--------------------+-----------+------+-----+---------+----------------+

7 rows in set (0.00 sec)

mysql> show tables;

+---------------------+

| Tables\_in\_bank |

+---------------------+

| account\_details |

| customer |

| deposit\_cash |

| transaction\_history |

| transfer\_money |

| withdraw\_cash |

+---------------------+

6 rows in set (0.00 sec)

mysql>