HOME AFFAIRS DATABASE SYSTEM

IT Monarchs

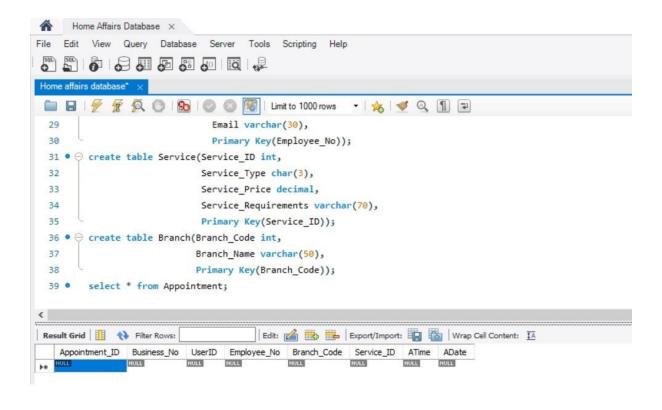# Contents

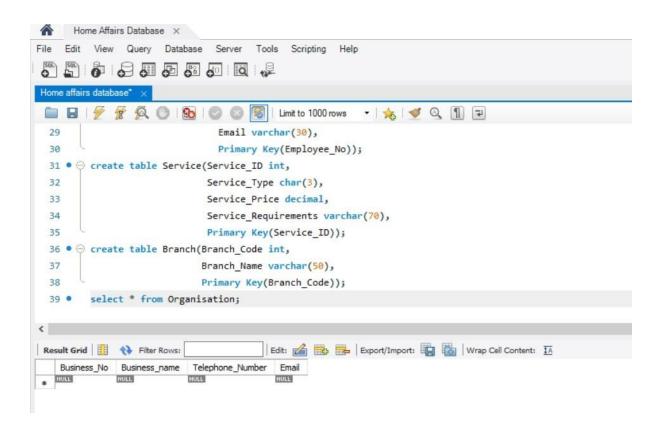# Database

```
mysql> use homeaffairsdatabase;
Database changed
mysql> show tables;
+-----------------------------+
| Tables_in_homeaffairsdatabase |
+-----------------------------+
| appointment                 |
| branch                      |
| employees                   |
| individual                  |
| organisation                |
| service                     |
+-----------------------------+
6 rows in set (0.00 sec)

mysql> describe appointment;
+----------------+------------+------+-----+---------+-------+
| Field          | Type       | Null | Key | Default | Extra |
+----------------+------------+------+-----+---------+-------+
| Appointment_ID | int        | NO   | PRI | NULL    |       |
| Business_No    | int        | YES  |     | NULL    |       |
| UserID         | int        | YES  |     | NULL    |       |
| Employee_No    | int        | YES  |     | NULL    |       |
| Branch_Code    | int        | YES  |     | NULL    |       |
| Service_ID     | int        | YES  |     | NULL    |       |
| ATime          | varchar(4) | YES  |     | NULL    |       |
| ADate          | datetime   | YES  |     | NULL    |       |
+----------------+------------+------+-----+---------+-------+
8 rows in set (0.00 sec)

mysql> describe branch;
+-------------+-------------+------+-----+---------+-------+
| Field       | Type        | Null | Key | Default | Extra |
+-------------+-------------+------+-----+---------+-------+
| Branch_Code | int         | NO   | PRI | NULL    |       |
| Branch_Name | varchar(50) | YES  |     | NULL    |       |
+-------------+-------------+------+-----+---------+-------+
2 rows in set (0.01 sec)

mysql> describe employees;
+------------------+-------------+------+-----+---------+-------+
| Field            | Type        | Null | Key | Default | Extra |
+------------------+-------------+------+-----+---------+-------+
| Employee_No      | int         | NO   | PRI | NULL    |       |
| Employee_Name    | varchar(50) | YES  |     | NULL    |       |
| Last_Name        | varchar(50) | YES  |     | NULL    |       |
| Telephone_Number | varchar(10) | YES  |     | NULL    |       |
| Email            | varchar(30) | YES  |     | NULL    |       |
+------------------+-------------+------+-----+---------+-------+
5 rows in set (0.00 sec)
```

```
mysql> describe individual;
+-------------+-------------+------+-----+---------+-------+
| Field       | Type        | Null | Key | Default | Extra |
+-------------+-------------+------+-----+---------+-------+
| UserID      | int         | NO   | PRI | NULL    |       |
| ID_Number   | varchar(13) | YES  |     | NULL    |       |
| User_Name   | varchar(50) | YES  |     | NULL    |       |
| Last_Name   | varchar(50) | YES  |     | NULL    |       |
| Cell_Number | varchar(10) | YES  |     | NULL    |       |
| Email       | varchar(30) | YES  |     | NULL    |       |
+-------------+-------------+------+-----+---------+-------+
6 rows in set (0.00 sec)

mysql> describe organisation;
+------------------+-------------+------+-----+---------+-------+
| Field            | Type        | Null | Key | Default | Extra |
+------------------+-------------+------+-----+---------+-------+
| Business_No      | int         | NO   | PRI | NULL    |       |
| Business_name    | varchar(50) | YES  |     | NULL    |       |
| Telephone_Number | varchar(10) | YES  |     | NULL    |       |
| Email            | varchar(30) | YES  |     | NULL    |       |
+------------------+-------------+------+-----+---------+-------+
4 rows in set (0.00 sec)

mysql> describe service;
+----------------------+---------------+------+-----+---------+-------+
| Field                | Type          | Null | Key | Default | Extra |
+----------------------+---------------+------+-----+---------+-------+
| Service_ID           | int           | NO   | PRI | NULL    |       |
| Service_Type         | char(3)       | YES  |     | NULL    |       |
| Service_Price        | decimal(10,0) | YES  |     | NULL    |       |
| Service_Requirements | varchar(70)   | YES  |     | NULL    |       |
+----------------------+---------------+------+-----+---------+-------+
4 rows in set (0.00 sec)

mysql>
```

File   Edit   View   Query   Database   Server   Tools   Scripting   Help

Home affairs database* ×

Limit to 1000 rows

```
29              Email varchar(30),
30              Primary Key(Employee_No));
31 • ⊖ create table Service(Service_ID int,
32              Service_Type char(3),
33              Service_Price decimal,
34              Service_Requirements varchar(70),
35              Primary Key(Service_ID));
36 • ⊖ create table Branch(Branch_Code int,
37              Branch_Name varchar(50),
38              Primary Key(Branch_Code));
39 •    select * from Appointment;
```

Result Grid | Filter Rows: | Edit: | Export/Import: | Wrap Cell Content: IA

Appointment_ID	Business_No	UserID	Employee_No	Branch_Code	Service_ID	ATime	ADate
NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL

```
29              Email varchar(30),
30              Primary Key(Employee_No));
31 • ⊖ create table Service(Service_ID int,
32              Service_Type char(3),
33              Service_Price decimal,
34              Service_Requirements varchar(70),
35              Primary Key(Service_ID));
36 • ⊖ create table Branch(Branch_Code int,
37              Branch_Name varchar(50),
38              Primary Key(Branch_Code));
39 •    select * from Organisation;
```

Result Grid | Filter Rows: | Edit: | Export/Import: | Wrap Cell Content: IA

Business_No	Business_name	Telephone_Number	Email
NULL	NULL	NULL	NULL

```
29                    Email varchar(30),
30                    Primary Key(Employee_No));
31  • ⊖ create table Service(Service_ID int,
32                    Service_Type char(3),
33                    Service_Price decimal,
34                    Service_Requirements varchar(70),
35                    Primary Key(Service_ID));
36  • ⊖ create table Branch(Branch_Code int,
37                    Branch_Name varchar(50),
38                    Primary Key(Branch_Code));
39  •    select * from Individual;
```

Result Grid | Filter Rows: | Edit: | Export/Import: | Wrap Cell Content: IA

UserID	ID_Number	User_Name	Last_Name	Cell_Number	Email
NULL	NULL	NULL	NULL	NULL	NULL

```
29                    Email varchar(30),
30                    Primary Key(Employee_No));
31  • ⊖ create table Service(Service_ID int,
32                    Service_Type char(3),
33                    Service_Price decimal,
34                    Service_Requirements varchar(70),
35                    Primary Key(Service_ID));
36  • ⊖ create table Branch(Branch_Code int,
37                    Branch_Name varchar(50),
38                    Primary Key(Branch_Code));
39  •    select * from Employees;
```

Result Grid | Filter Rows: | Edit: | Export/Import: | Wrap Cell Content: IA

Employee_No	Employee_Name	Last_Name	Telephone_Number	Email
NULL	NULL	NULL	NULL	NULL

```
29                        Email varchar(30),
30                        Primary Key(Employee_No));
31  ●  ⊖  create table Service(Service_ID int,
32                        Service_Type char(3),
33                        Service_Price decimal,
34                        Service_Requirements varchar(70),
35                        Primary Key(Service_ID));
36  ●  ⊖  create table Branch(Branch_Code int,
37                        Branch_Name varchar(50),
38                        Primary Key(Branch_Code));
39  ●     select * from Service;
```

Result Grid | Filter Rows: | Edit: | Export/Import: | Wrap Cell Content: ⫯A

	Service_ID	Service_Type	Service_Price	Service_Requirements
*	NULL	NULL	NULL	NULL

```
29                        Email varchar(30),
30                        Primary Key(Employee_No));
31  ●  ⊖  create table Service(Service_ID int,
32                        Service_Type char(3),
33                        Service_Price decimal,
34                        Service_Requirements varchar(70),
35                        Primary Key(Service_ID));
36  ●  ⊖  create table Branch(Branch_Code int,
37                        Branch_Name varchar(50),
38                        Primary Key(Branch_Code));
39  ●     select * from Branch;
```

Result Grid | Filter Rows: | Edit: | Export/Import: | Wrap Cell Content: ⫯A

	Branch_Code	Branch_Name
*	NULL	NULL

Participants Details

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