```
MariaDB [(none)]> create database furniture_db;
Query OK, 1 row affected (0.002 sec)

MariaDB [(none)]> use furniture_db;
Database changed
MariaDB [furniture_db]> create table manufacturer_details(
    -> branch_id int auto_increment primary key,
    -> branch_address varchar(100) not null,
    -> branch_contact int not null,
    -> items varchar(250) not null);
Query OK, 0 rows affected (0.038 sec)

MariaDB [furniture_db]> alter table manufacturer_details rename to branch_details;
Query OK, 0 rows affected (0.019 sec)

MariaDB [furniture_db]> show tables;
+-----------------------+
| Tables_in_furniture_db |
+-----------------------+
| branch_details        |
+-----------------------+
1 row in set (0.001 sec)

MariaDB [furniture_db]> create table item_details(
    -> item_id int auto_increment primary key,
    -> item_name varchar(50) not null unique,
    -> price float(24) not null);
Query OK, 0 rows affected (0.015 sec)

MariaDB [furniture_db]> alter table branch_details add column quantity varchar(100) not null;
Query OK, 0 rows affected (0.012 sec)
Records: 0  Duplicates: 0  Warnings: 0

MariaDB [furniture_db]> show tables;
+-----------------------+
| Tables_in_furniture_db |
+-----------------------+
| branch_details        |
| item_details          |
+-----------------------+
2 rows in set (0.001 sec)

MariaDB [furniture_db]> create table purchase_detail(
    -> purchase_id int auto_increment primary key,
    -> customer_name varchar(50) not null,
    -> customer_address varchar(100) not null,
    -> customer_contact int not null,
    -> items_ids varchar(100) not null,
    -> branch_id int not null,
    -> purchase_quantity varchar(100) not null,
    -> total_price float(24) not null);
Query OK, 0 rows affected (0.014 sec)

MariaDB [furniture_db]> desc branch_details;
```

```
+----------------+--------------+------+-----+---------+----------------+
| Field          | Type         | Null | Key | Default | Extra          |
+----------------+--------------+------+-----+---------+----------------+
| branch_id      | int(11)      | NO   | PRI | NULL    | auto_increment |
| branch_address | varchar(100) | NO   |     | NULL    |                |
| branch_contact | int(11)      | NO   |     | NULL    |                |
| items          | varchar(250) | NO   |     | NULL    |                |
| quantity       | varchar(100) | NO   |     | NULL    |                |
+----------------+--------------+------+-----+---------+----------------+
5 rows in set (0.009 sec)

MariaDB [furniture_db]> desc item_details;
+-----------+-------------+------+-----+---------+----------------+
| Field     | Type        | Null | Key | Default | Extra          |
+-----------+-------------+------+-----+---------+----------------+
| item_id   | int(11)     | NO   | PRI | NULL    | auto_increment |
| item_name | varchar(50) | NO   | UNI | NULL    |                |
| price     | float       | NO   |     | NULL    |                |
+-----------+-------------+------+-----+---------+----------------+
3 rows in set (0.006 sec)

MariaDB [furniture_db]> desc purchase_details;
ERROR 1146 (42S02): Table 'furniture_db.purchase_details' doesn't exist
MariaDB [furniture_db]> desc purchase_detail;
+-------------------+--------------+------+-----+---------+----------------+
| Field             | Type         | Null | Key | Default | Extra          |
+-------------------+--------------+------+-----+---------+----------------+
| purchase_id       | int(11)      | NO   | PRI | NULL    | auto_increment |
| customer_name     | varchar(50)  | NO   |     | NULL    |                |
| customer_address  | varchar(100) | NO   |     | NULL    |                |
| customer_contact  | int(11)      | NO   |     | NULL    |                |
| items_ids         | varchar(100) | NO   |     | NULL    |                |
| branch_id         | int(11)      | NO   |     | NULL    |                |
| purchase_quantity | varchar(100) | NO   |     | NULL    |                |
| total_price       | float        | NO   |     | NULL    |                |
+-------------------+--------------+------+-----+---------+----------------+
8 rows in set (0.007 sec)

MariaDB [furniture_db]> insert into branch_details values(null, 'lekhnath', 987654321, 'table|chair|bed|sofa|wardrob
e', '6|24|10|7|5');
Query OK, 1 row affected (0.005 sec)

MariaDB [furniture_db]> insert into branch_details(branch_address, branch_contact, items, quantity) values('bagar',
987654001, 'table|chair|bed|sofa', '6|24|10|7');
Query OK, 1 row affected (0.008 sec)

MariaDB [furniture_db]> select * from branch_details;
+-----------+----------------+----------------+-----------------------------+-------------+
| branch_id | branch_address | branch_contact | items                       | quantity    |
+-----------+----------------+----------------+-----------------------------+-------------+
|         1 | lekhnath       |      987654321 | table|chair|bed|sofa|wardrobe | 6|24|10|7|5 |
|         2 | bagar          |      987654001 | table|chair|bed|sofa        | 6|24|10|7   |
+-----------+----------------+----------------+-----------------------------+-------------+
2 rows in set (0.000 sec)
```

```
MariaDB [furniture_db]> insert into item_details values(null, 'table', 20000);
Query OK, 1 row affected (0.007 sec)

MariaDB [furniture_db]> insert into item_details values(null, 'chair', 8000);
Query OK, 1 row affected (0.009 sec)

MariaDB [furniture_db]> insert into item_details values(null, 'bed', 55000);
Query OK, 1 row affected (0.004 sec)

MariaDB [furniture_db]> insert into item_details values(null, 'sofa', 75000);
Query OK, 1 row affected (0.004 sec)

MariaDB [furniture_db]> select * from item_details where item_id=3;
+---------+-----------+-------+
| item_id | item_name | price |
+---------+-----------+-------+
|       3 | bed       | 55000 |
+---------+-----------+-------+
1 row in set (0.004 sec)

MariaDB [furniture_db]> select * from item_details where price>50000;
+---------+-----------+-------+
| item_id | item_name | price |
+---------+-----------+-------+
|       3 | bed       | 55000 |
|       4 | sofa      | 75000 |
+---------+-----------+-------+
2 rows in set (0.003 sec)

MariaDB [furniture_db]> select min(price) from item_details;
+------------+
| min(price) |
+------------+
|       8000 |
+------------+
1 row in set (0.005 sec)

MariaDB [furniture_db]> select max(price) from item_details;
+------------+
| max(price) |
+------------+
|      75000 |
+------------+
1 row in set (0.000 sec)

MariaDB [furniture_db]> select avg(price) from item_details;
+------------+
| avg(price) |
+------------+
|      39500 |
+------------+
1 row in set (0.001 sec)
```

```
MariaDB [furniture_db]> update item_details set price=10000 where item_name='chair';
Query OK, 1 row affected (0.005 sec)
Rows matched: 1  Changed: 1  Warnings: 0

MariaDB [furniture_db]> select * from item_details;
+---------+-----------+-------+
| item_id | item_name | price |
+---------+-----------+-------+
|       1 | table     | 20000 |
|       2 | chair     | 10000 |
|       3 | bed       | 55000 |
|       4 | sofa      | 75000 |
+---------+-----------+-------+
4 rows in set (0.000 sec)

MariaDB [furniture_db]> update item_details set price=12000,item_name='rocking chair' where item_id=2;
Query OK, 1 row affected (0.004 sec)
Rows matched: 1  Changed: 1  Warnings: 0

MariaDB [furniture_db]> select * from item_details;
+---------+---------------+-------+
| item_id | item_name     | price |
+---------+---------------+-------+
|       1 | table         | 20000 |
|       2 | rocking chair | 12000 |
|       3 | bed           | 55000 |
|       4 | sofa          | 75000 |
+---------+---------------+-------+
4 rows in set (0.000 sec)

MariaDB [furniture_db]> delete from item_details where item_id=1;
Query OK, 1 row affected (0.006 sec)

MariaDB [furniture_db]> select * from item_details;
+---------+---------------+-------+
| item_id | item_name     | price |
+---------+---------------+-------+
|       2 | rocking chair | 12000 |
|       3 | bed           | 55000 |
|       4 | sofa          | 75000 |
+---------+---------------+-------+
3 rows in set (0.000 sec)

MariaDB [furniture_db]> select item_name, price from item_details;
+---------------+-------+
| item_name     | price |
+---------------+-------+
| rocking chair | 12000 |
| bed           | 55000 |
| sofa          | 75000 |
+---------------+-------+
3 rows in set (0.000 sec)

MariaDB [furniture_db]> select * from item_details order by item_name;
```

```
+---------+--------------+-------+
| item_id | item_name    | price |
+---------+--------------+-------+
|       3 | bed          | 55000 |
|       2 | rocking chair| 12000 |
|       4 | sofa         | 75000 |
+---------+--------------+-------+
3 rows in set (0.001 sec)

MariaDB [furniture_db]> select * from item_details order by item_name desc;
+---------+--------------+-------+
| item_id | item_name    | price |
+---------+--------------+-------+
|       4 | sofa         | 75000 |
|       2 | rocking chair| 12000 |
|       3 | bed          | 55000 |
+---------+--------------+-------+
3 rows in set (0.001 sec)

MariaDB [furniture_db]> insert into item_details values(null, 'table', 12000);
Query OK, 1 row affected (0.005 sec)

MariaDB [furniture_db]> select * from item_details order by price desc, item_name asc;
+---------+--------------+-------+
| item_id | item_name    | price |
+---------+--------------+-------+
|       4 | sofa         | 75000 |
|       3 | bed          | 55000 |
|       2 | rocking chair| 12000 |
|       5 | table        | 12000 |
+---------+--------------+-------+
4 rows in set (0.001 sec)
```