

```
c:\xampp\mysql\bin
```

```
λ mysql -u root
```

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

```
Your MariaDB connection id is 55
```

```
Server version: 10.4.24-MariaDB mariadb.org binary distribution
```

```
Copyright (c) 2000, 2018, Oracle, MariaDB Corporation Ab and others.
```

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

```
MariaDB [(none)]> drop database grocery;
```

```
Query OK, 0 rows affected (0.001 sec)
```

```
MariaDB [(none)]> CREATE DATABASE grocery; — (1)
```

```
Query OK, 1 row affected (0.001 sec)
```

```
MariaDB [(none)]> SHOW DATABASES; — (2)
```

Database
acounnts
grecorey_store
grocery —
hatem
information_schema
mysql
performance_schema
phpmyadmin
school
test


```
10 rows in set (0.000 sec)
```

MariaDB [(none)]> USE grocery;

Database changed

MariaDB [grocery]> CREATE TABLE items( (3)•

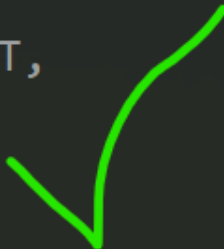
```
-> item_id int PRIMARY KEY AUTO_INCREMENT,  
-> item_name VARCHAR(35) NOT NULL,  
-> item_price FLOAT NOT NULL,  
-> item_qty INT NOT NULL,  
-> item_dep VARCHAR(20) NOT NULL,  
-> item_country VARCHAR(20) NOT NULL  
-> );
```



Query OK, 0 rows affected (0.030 sec)

MariaDB [grocery]> CREATE TABLE customers( (4)•


```
-> cust_id int PRIMARY KEY AUTO_INCREMENT,  
-> cust_name VARCHAR(35) NOT NULL,  
-> cust_gender VARCHAR(6) NOT NULL,  
-> cust_age int NOT NULL,  
-> cust_Phone VARCHAR(11) NOT NULL,  
-> cust_adrs VARCHAR(35) NOT NULL  
-> );
```



Query OK, 0 rows affected (0.029 sec)

MariaDB [grocery]> CREATE TABLE users( (5)•

```
-> user_id int PRIMARY KEY AUTO_INCREMENT,  
-> user_name VARCHAR(35) NOT NULL,  
-> user_password VARCHAR(100) NOT NULL,  
-> user_email VARCHAR(35) NOT NULL  
-> );
```



Query OK, 0 rows affected (0.031 sec)

```
MariaDB [grocery]> SHOW TABLES;
```

```
+-----+ (6)•  
| Tables_in_grocery |
```

```
+-----+
```

customers
items
users

```
+-----+
```

```
3 rows in set (0.000 sec)
```

MariaDB [grocery]> DESCRIBE items; (7).

Field	Type	Null	Key	Default	Extra
item_id	int(11)	NO	PRI	NULL	auto_increment
item_name	varchar(35)	NO		NULL	
item_price	float	NO		NULL	
item_qty	int(11)	NO		NULL	
item_dep	varchar(20)	NO		NULL	
item_country	varchar(20)	NO		NULL	

6 rows in set (0.012 sec)

MariaDB [grocery]> DESCRIBE customers; (7).

Field	Type	Null	Key	Default	Extra
cust_id	int(11)	NO	PRI	NULL	auto_increment
cust_name	varchar(35)	NO		NULL	
cust_gender	varchar(6)	NO		NULL	
cust_age	int(11)	NO		NULL	
cust_Phone	varchar(11)	NO		NULL	
cust_adrs	varchar(35)	NO		NULL	

6 rows in set (0.015 sec)

```
MariaDB [grocery]> DESCRIBE users; (7)
```


Field	Type	Null	Key	Default	Extra
user_id	int(11)	NO	PRI	NULL	auto_increment
user_name	varchar(35)	NO		NULL	
user_password	varchar(100)	NO		NULL	
user_email	varchar(35)	NO		NULL	

```
4 rows in set (0.019 sec)
```

```
MariaDB [grocery]> INSERT INTO items (8).
-> (item_name,item_price,item_qty,item_dep,item_country)
-> VALUES('meat lamp',45.5,25,'frozen','spain'),
-> ('chicken',15.5,20,'frozen','turkey'),
-> ('ice crame',2.5,15,'frozen','egypt'),
-> ('bread',1,50,'fresh','libya'),
-> ('peas 1Kl',12.5,50,'fresh','egypt'),
-> ('apple 1kl',5.5,150,'fresh','spain'),
-> ('milk 1l',4.5,200,'beverages','spain'),
-> ('grape juice 1l',4.5,200,'beverages','turkey'),
-> ('pipce 330ml',2,200,'beverages','libya'),
-> ('yogurt 225ml',1.5,250,'beverages','libya');
Query OK, 10 rows affected (0.005 sec)
Records: 10 Duplicates: 0 Warnings: 0
```

```
MariaDB [grocery]> INSERT INTO customers (8).
-> (cust_name,cust_gender,cust_age,cust_Phone,cust_adrs)
-> VALUES('ali','male',22,'09222233310','ain-zara'),
-> ('ahmed','male',25,'0913332221','ain-zara'),
-> ('fatema','female',29,'0921112220','ain-zara'),
-> ('jamal','male',32,'0926660001','tajura'),
-> ('malak','female',35,'0912323001','tajura'),
-> ('amaney','female',25,'0914441313','tajura'),
-> ('moftah','male',32,'0925551001','janzuor'),
-> ('omar','male',22,'0919922290','janzuor'),
-> ('lubna','female',29,'0921121123','janzuor'),
-> ('tasneem','female',25,'0927272202','alfornaj');
Query OK, 10 rows affected (0.005 sec)
Records: 10 Duplicates: 0 Warnings: 0
```

```
MariaDB [grocery]> INSERT INTO users(8) .  
-> (user_name,user_password,user_email)  
-> VALUES('amj2020','12345678','amj@mail.com'),  
-> ('ahd2020','87654321','ahd@mail.com'),  
-> ('jampo123','11111100','cup@mail.com'),  
-> ('amj2020','12345678','amj@mail.com'),  
-> ('libo444','01001022','libo@mail.com'),  
-> ('foo110','000000000','foo@mail.com'),  
-> ('boo2022','11111111','boo@mail.com'),  
-> ('bod111','59575153','bod1@mail.com'),  
-> ('allone','10000100','all@mail.com'),  
-> ('happy2002','991111111','happy2002@mail.com');  
Query OK, 10 rows affected (0.005 sec)  
Records: 10  Duplicates: 0  Warnings: 0
```





MariaDB [grocery]> SELECT \* FROM items; (9)

item_id	item_name	item_price	item_qty	item_dep	item_country
1	meat lamp	45.5	25	frozen	spain
2	chicken	15.5	20	frozen	turkey
3	ice crame	2.5	15	frozen	egypt
4	bread	1	50	fresh	libya
5	peas 1Kl	12.5	50	fresh	egypt
6	apple 1kl	5.5	150	fresh	spain
7	milk 1l	4.5	200	beverages	spain
8	grape juice 1l	4.5	200	beverages	turkey
9	pipce 330ml	2	200	beverages	libya
10	yogurt 225ml	1.5	250	beverages	libya

10 rows in set (0.000 sec)



```
MariaDB [grocery]> SELECT * FROM items WHERE item_dep='fresh';(10)
```

item_id	item_name	item_price	item_qty	item_dep	item_country
4	bread	1	50	fresh	libya
5	peas 1K1	12.5	50	fresh	egypt
6	apple 1k1	5.5	150	fresh	spain

```
3 rows in set (0.000 sec)
```

```
MariaDB [grocery]> SELECT * FROM items WHERE item_price > 5; (10)
```

item_id	item_name	item_price	item_qty	item_dep	item_country
1	meat lamp	45.5	25	frozen	spain
2	chicken	15.5	20	frozen	turkey
5	peas 1K1	12.5	50	fresh	egypt
6	apple 1k1	5.5	150	fresh	spain

```
4 rows in set (0.000 sec)
```

MariaDB [grocery]> SELECT \* FROM items WHERE item\_price > 5; (11) •

It is also used in UPDATE, DELETE

item_id	item_name	item_price	item_qty	item_dep	item_country
---------	-----------	------------	----------	----------	--------------

1	meat lamp	45.5	25	frozen	spain
---	-----------	------	----	--------	-------

2	chicken	15.5	20	frozen	turkey
---	---------	------	----	--------	--------

5	peas 1kl	12.5	50	fresh	egypt
---	----------	------	----	-------	-------

6	apple 1kl	5.5	150	fresh	spain
---	-----------	-----	-----	-------	-------

4 rows in set (0.000 sec)

SELECT \* FROM table\_name WHERE some\_culoman BETWEEN 50 AND 60;

MariaDB [grocery]> DELETE FROM items WHERE item\_price > 5; (12) •

Query OK, 4 rows affected (0.005 sec)

MariaDB [grocery]> SELECT \* FROM items;

item_id	item_name	item_price	item_qty	item_dep	item_country
---------	-----------	------------	----------	----------	--------------

3	ice crame	2.5	15	frozen	egypt
---	-----------	-----	----	--------	-------

4	bread	1	50	fresh	libya
---	-------	---	----	-------	-------

7	milk 1l	4.5	200	beverages	spain
---	---------	-----	-----	-----------	-------

8	grape juice 1l	4.5	200	beverages	turkey
---	----------------	-----	-----	-----------	--------

9	pipce 330ml	2	200	beverages	libya
---	-------------	---	-----	-----------	-------

10	yogurt 225ml	1.5	250	beverages	libya
----	--------------	-----	-----	-----------	-------

6 rows in set (0.000 sec)

SELECT DISTINCT some\_culoman FROM table\_name;

6 rows in set (0.000 sec)

(13) •

```
10 rows in set (0.000 sec)
```

```
MariaDB [grocery]> SELECT cust_name,cust_gender FROM customers WHERE cust_age > 28;
+-----+-----+
| cust_name | cust_gender |
+-----+-----+
| fatema    | female     |
| jamal     | male       |
| malak     | female     |
| moftah    | male       |
| lubna     | female     |
+-----+-----+
5 rows in set (0.000 sec)
```

(14).

```
40 ('fatema','female',29,'0921112220','ja
41 ('jamal','male',32,'0926660001','taju
42 ('malak','female',35,'0912323001','ta
43 ('amaney','female',25,'0914441313','t
44 ('moftah','male',32,'0925551001','jar
45 ('omar','male',22,'0919922290','janzu
46 ('lubna','female',29,'0921121123','ja
47 ('tasneem','female',25,'0927272202','
48 INSERT INTO users
```

MariaDB [grocery]> SELECT \* FROM customers;(15).

cust_id	cust_name	cust_gender	cust_age	cust_Phone	cust_adrs
1	ali	male	22	09222233310	ain-zara
2	ahmed	male	25	0913332221	ain-zara
3	fatema	female	29	0921112220	ain-zara
4	jamal	male	32	0926660001	tajura
5	malak	female	35	0912323001	tajura
6	amaney	female	25	0914441313	tajura
7	moftah	male	32	0925551001	janzuor
8	omar	male	22	0919922290	janzuor
9	lubna	female	29	0921121123	janzuor
10	tasneem	female	25	0927272202	alfornaj
13	waled	male	17	09222266660	ain-zara
14	rawad	male	15	0910032221	ain-zara

12 rows in set (0.000 sec)

```
MariaDB [grocery]> DELETE FROM customers WHERE cust_age < 18; (14)
Query OK, 2 rows affected (0.004 sec)
```

```
MariaDB [grocery]> SELECT * FROM customers;
```

cust_id	cust_name	cust_gender	cust_age	cust_Phone	cust_adrs
1	ali	male	22	09222233310	ain-zara
2	ahmed	male	25	0913332221	ain-zara
3	fatema	female	29	0921112220	ain-zara
4	jamal	male	32	0926660001	tajura
5	malak	female	35	0912323001	tajura
6	amane	female	25	0914441313	tajura
7	moftah	male	32	0925551001	janzuor
8	omar	male	22	0919922290	janzuor
9	lubna	female	29	0921121123	janzuor
10	tasneem	female	25	0927272202	alfornaj

```
10 rows in set (0.000 sec)
```