```
Setting environment for using XAMPP for Windows.
amit@DESKTOP-BSFH5IH c:\xampp
# mysql -u root -h localhost
Welcome to the MariaDB monitor.  Commands end with ; or \g.
Your MariaDB connection id is 40
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)]> show databases;
+--------------------+
| Database           |
+--------------------+
| demo               |
| information_schema |
| mysql              |
```

Saved successfully!   ✕

```
+--------------------+
6 rows in set (0.002 sec)

MariaDB [(none)]> create database Student;
Query OK, 1 row affected (0.031 sec)

MariaDB [(none)]> show databases;
+--------------------+
| Database           |
+--------------------+
| demo               |
| information_schema |
| mysql              |
| performance_schema |
| phpmyadmin         |
| student            |
| test               |
+--------------------+
7 rows in set (0.001 sec)

MariaDB [(none)]> use Student;
Database changed
MariaDB [Student]> show tables;
Empty set (0.001 sec)

MariaDB [Student]> create table basic_info(id int(2), name char(20), age int(2));
Query OK, 0 rows affected (1.262 sec)

MariaDB [Student]> show tables;
```

```
+-------------------+
| Tables_in_student |
+-------------------+
| basic_info        |
+-------------------+
1 row in set (0.001 sec)

MariaDB [Student]> create table table academic_info(id int(2), name char(20), marks int(2), s
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds t
MariaDB [Student]> create table academic_info(id int(2), name char(20), marks int(2), sem cha
Query OK, 0 rows affected (0.252 sec)

MariaDB [Student]> show tables;
+-------------------+
| Tables_in_student |
+-------------------+
| academic_info     |
| basic_info        |
+-------------------+
2 rows in set (0.001 sec)
```

Saved successfully!   ✕   ral_info(id int(2), name char(2), address varchar(20), do

```
Query OK, 0 rows affected (0.251 sec)

MariaDB [Student]> show tables;
+-------------------+
| Tables_in_student |
+-------------------+
| academic_info     |
| basic_info        |
| general_info      |
+-------------------+
3 rows in set (0.001 sec)

MariaDB [Student]> desc academic_info;
+-------+----------+------+-----+---------+-------+
| Field | Type     | Null | Key | Default | Extra |
+-------+----------+------+-----+---------+-------+
| id    | int(2)   | YES  |     | NULL    |       |
| name  | char(20) | YES  |     | NULL    |       |
| marks | int(2)   | YES  |     | NULL    |       |
| sem   | char(20) | YES  |     | NULL    |       |
+-------+----------+------+-----+---------+-------+
4 rows in set (0.019 sec)

MariaDB [Student]> desc academic_info
    -> ;
+-------+----------+------+-----+---------+-------+
| Field | Type     | Null | Key | Default | Extra |
+-------+----------+------+-----+---------+-------+
| id    | int(2)   | YES  |     | NULL    |       |
| name  | char(20) | YES  |     | NULL    |       |
```

```
| marks | int(2)   | YES |     | NULL    |       |
| sem   | char(20) | YES |     | NULL    |       |
+-------+----------+-----+-----+---------+-------+
4 rows in set (0.015 sec)

MariaDB [Student]> desc basic_info
    -> ;
+-------+----------+------+-----+---------+-------+
| Field | Type     | Null | Key | Default | Extra |
+-------+----------+------+-----+---------+-------+
| id    | int(2)   | YES  |     | NULL    |       |
| name  | char(20) | YES  |     | NULL    |       |
| age   | int(2)   | YES  |     | NULL    |       |
+-------+----------+------+-----+---------+-------+
3 rows in set (0.053 sec)

MariaDB [Student]> show tables;
+-------------------+
| Tables_in_student |
+-------------------+
```

Saved successfully!   ✕

```
| general_info      |
+-------------------+
3 rows in set (0.001 sec)

MariaDB [Student]> rename basic_info to stud_info;
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds t
MariaDB [Student]> rename table basic_info to stud_info;
Query OK, 0 rows affected (0.230 sec)

MariaDB [Student]> show tables;
+-------------------+
| Tables_in_student |
+-------------------+
| academic_info     |
| general_info      |
| stud_info         |
+-------------------+
3 rows in set (0.001 sec)

MariaDB [Student]> desc basic_info;
ERROR 1146 (42S02): Table 'student.basic_info' doesn't exist
MariaDB [Student]> desc stud_info;
+-------+----------+------+-----+---------+-------+
| Field | Type     | Null | Key | Default | Extra |
+-------+----------+------+-----+---------+-------+
| id    | int(2)   | YES  |     | NULL    |       |
| name  | char(20) | YES  |     | NULL    |       |
| age   | int(2)   | YES  |     | NULL    |       |
+-------+----------+------+-----+---------+-------+
```

```
3 rows in set (0.018 sec)

MariaDB [Student]> create table stud_info(id int(20), name char(20));
ERROR 1050 (42S01): Table 'stud_info' already exists
MariaDB [Student]> desc general_info;
+------------+-------------+------+-----+---------+-------+
| Field      | Type        | Null | Key | Default | Extra |
+------------+-------------+------+-----+---------+-------+
| id         | int(2)      | YES  |     | NULL    |       |
| name       | char(2)     | YES  |     | NULL    |       |
| address    | varchar(20) | YES  |     | NULL    |       |
| dob        | date        | YES  |     | NULL    |       |
| family_mem | int(20)     | YES  |     | NULL    |       |
+------------+-------------+------+-----+---------+-------+
5 rows in set (0.017 sec)

MariaDB [Student]> alter table general_info modify name char(20);
Query OK, 0 rows affected (1.448 sec)
Records: 0  Duplicates: 0  Warnings: 0
```

Saved successfully!   ×

```
                                                   ;
                                             ----+---------+-------+
                                        Key | Default | Extra |
+------------+-------------+------+-----+---------+-------+
| id         | int(2)      | YES  |     | NULL    |       |
| name       | char(20)    | YES  |     | NULL    |       |
| address    | varchar(20) | YES  |     | NULL    |       |
| dob        | date        | YES  |     | NULL    |       |
| family_mem | int(20)     | YES  |     | NULL    |       |
+------------+-------------+------+-----+---------+-------+
5 rows in set (0.050 sec)

MariaDB [Student]> alter table general_info add doj date;
Query OK, 0 rows affected (0.152 sec)
Records: 0  Duplicates: 0  Warnings: 0

MariaDB [Student]> desc general_info;
+------------+-------------+------+-----+---------+-------+
| Field      | Type        | Null | Key | Default | Extra |
+------------+-------------+------+-----+---------+-------+
| id         | int(2)      | YES  |     | NULL    |       |
| name       | char(20)    | YES  |     | NULL    |       |
| address    | varchar(20) | YES  |     | NULL    |       |
| dob        | date        | YES  |     | NULL    |       |
| family_mem | int(20)     | YES  |     | NULL    |       |
| doj        | date        | YES  |     | NULL    |       |
+------------+-------------+------+-----+---------+-------+
6 rows in set (0.011 sec)

MariaDB [Student]> alter table general_info drop family_mem;
Query OK, 0 rows affected (0.127 sec)
Records: 0  Duplicates: 0  Warnings: 0
```

```
MariaDB [Student]> desc general_info;
+---------+-------------+------+-----+---------+-------+
| Field   | Type        | Null | Key | Default | Extra |
+---------+-------------+------+-----+---------+-------+
| id      | int(2)      | YES  |     | NULL    |       |
| name    | char(20)    | YES  |     | NULL    |       |
| address | varchar(20) | YES  |     | NULL    |       |
| dob     | date        | YES  |     | NULL    |       |
| doj     | date        | YES  |     | NULL    |       |
+---------+-------------+------+-----+---------+-------+
5 rows in set (0.014 sec)

MariaDB [Student]>




#################################Second Session###############################
```

Saved successfully!   ✕   for Windows.

```
amit@DESKTOP-BSFH51H c:\xampp
# mysql -u root -h localhost
Welcome to the MariaDB monitor.  Commands end with ; or \g.
Your MariaDB connection id is 8
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)]> show databases;
+--------------------+
| Database           |
+--------------------+
| demo               |
| information_schema |
| mysql              |
| performance_schema |
| phpmyadmin         |
| student            |
| test               |
+--------------------+
7 rows in set (0.236 sec)

MariaDB [(none)]> create database employee;
Query OK, 1 row affected (0.047 sec)

MariaDB [(none)]> show databases;
+--------------------+
| Database           |
```

```
| Database             |
+--------------------+
| demo               |
| employee           |
| information_schema |
| mysql              |
| performance_schema |
| phpmyadmin         |
| student            |
| test               |
+--------------------+
8 rows in set (0.002 sec)

MariaDB [(none)]> use employee;
Database changed
MariaDB [employee]> create table basic_info(emp_id int(5), emp_name char(5), emp_dob date, ag
Query OK, 0 rows affected (0.495 sec)

MariaDB [employee]> show tables;
+--------------------+
```

Saved successfully!   ✕

```
+--------------------+
1 row in set (0.001 sec)

MariaDB [employee]> desc basic_info;
+----------+-------------+------+-----+---------+-------+
| Field    | Type        | Null | Key | Default | Extra |
+----------+-------------+------+-----+---------+-------+
| emp_id   | int(5)      | YES  |     | NULL    |       |
| emp_name | char(5)     | YES  |     | NULL    |       |
| emp_dob  | date        | YES  |     | NULL    |       |
| age      | int(3)      | YES  |     | NULL    |       |
| address  | varchar(30) | YES  |     | NULL    |       |
+----------+-------------+------+-----+---------+-------+
5 rows in set (0.090 sec)

MariaDB [employee]> create table salary(emp_id int(20), emp_name char(20), dept char(20), des
Query OK, 0 rows affected (0.371 sec)

MariaDB [employee]> show tables;
+--------------------+
| Tables_in_employee |
+--------------------+
| basic_info         |
| salary             |
+--------------------+
2 rows in set (0.001 sec)

MariaDB [employee]> desc salary;
+-------------+----------+------+-----+---------+-------+
```

```
| Field       | Type      | Null | Key | Default | Extra |
+-------------+-----------+------+-----+---------+-------+
| emp_id      | int(20)   | YES  |     | NULL    |       |
| emp_name    | char(20)  | YES  |     | NULL    |       |
| dept        | char(20)  | YES  |     | NULL    |       |
| designation | char(20)  | YES  |     | NULL    |       |
+-------------+-----------+------+-----+---------+-------+
4 rows in set (0.018 sec)

MariaDB [employee]> show databses;
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds t
MariaDB [employee]> show databases;
+--------------------+
| Database           |
+--------------------+
| demo               |
| employee           |
| information_schema |
| mysql              |
| performance_schema |
```

Saved successfully!   ✕

```
| test               |
+--------------------+
8 rows in set (0.001 sec)

MariaDB [employee]> create table ss(id,name);
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds t
MariaDB [employee]> rename table salary to emp_salary;
Query OK, 0 rows affected (3.585 sec)

MariaDB [employee]> desc salary;
ERROR 1146 (42S02): Table 'employee.salary' doesn't exist
MariaDB [employee]> desc emp_salary;
+-------------+-----------+------+-----+---------+-------+
| Field       | Type      | Null | Key | Default | Extra |
+-------------+-----------+------+-----+---------+-------+
| emp_id      | int(20)   | YES  |     | NULL    |       |
| emp_name    | char(20)  | YES  |     | NULL    |       |
| dept        | char(20)  | YES  |     | NULL    |       |
| designation | char(20)  | YES  |     | NULL    |       |
+-------------+-----------+------+-----+---------+-------+
4 rows in set (0.035 sec)

MariaDB [employee]> desc emp_salary;
+-------------+-----------+------+-----+---------+-------+
| Field       | Type      | Null | Key | Default | Extra |
+-------------+-----------+------+-----+---------+-------+
| emp_id      | int(20)   | YES  |     | NULL    |       |
| emp_name    | char(20)  | YES  |     | NULL    |       |
| dept        | char(20)  | YES  |     | NULL    |       |
| designation | char(20)  | YES  |     | NULL    |       |
```

```
| uesignation | char(20) | YES |      | NULL    |       |
+-------------+----------+------+-----+---------+-------+
4 rows in set (0.018 sec)

MariaDB [employee]> create table basic_info(comp_name char(20));
ERROR 1050 (42S01): Table 'basic_info' already exists
MariaDB [employee]> desc basic_info;
+----------+-------------+------+-----+---------+-------+
| Field    | Type        | Null | Key | Default | Extra |
+----------+-------------+------+-----+---------+-------+
| emp_id   | int(5)      | YES  |     | NULL    |       |
| emp_name | char(5)     | YES  |     | NULL    |       |
| emp_dob  | date        | YES  |     | NULL    |       |
| age      | int(3)      | YES  |     | NULL    |       |
| address  | varchar(30) | YES  |     | NULL    |       |
+----------+-------------+------+-----+---------+-------+
5 rows in set (0.013 sec)

MariaDB [employee]> alter table basic_info add doj date;
Query OK, 0 rows affected (0.450 sec)
Records: 0  Duplicates: 0  Warnings: 0
```

Saved successfully!   ✕

```
+----------+-------------+------+-----+---------+-------+
| Field    | Type        | Null | Key | Default | Extra |
+----------+-------------+------+-----+---------+-------+
| emp_id   | int(5)      | YES  |     | NULL    |       |
| emp_name | char(5)     | YES  |     | NULL    |       |
| emp_dob  | date        | YES  |     | NULL    |       |
| age      | int(3)      | YES  |     | NULL    |       |
| address  | varchar(30) | YES  |     | NULL    |       |
| doj      | date        | YES  |     | NULL    |       |
+----------+-------------+------+-----+---------+-------+
6 rows in set (0.028 sec)

MariaDB [employee]> alter table basic_info add doj date;
ERROR 1060 (42S21): Duplicate column name 'doj'
MariaDB [employee]> alter table basic_info add salary int(20);
Query OK, 0 rows affected (0.441 sec)
Records: 0  Duplicates: 0  Warnings: 0

MariaDB [employee]> desc basic_info;
+----------+-------------+------+-----+---------+-------+
| Field    | Type        | Null | Key | Default | Extra |
+----------+-------------+------+-----+---------+-------+
| emp_id   | int(5)      | YES  |     | NULL    |       |
| emp_name | char(5)     | YES  |     | NULL    |       |
| emp_dob  | date        | YES  |     | NULL    |       |
| age      | int(3)      | YES  |     | NULL    |       |
| address  | varchar(30) | YES  |     | NULL    |       |
| doj      | date        | YES  |     | NULL    |       |
| salary   | int(20)     | YES  |     | NULL    |       |
```

```
+----------+------------+------+-----+---------+-------+
7 rows in set (0.018 sec)

MariaDB [employee]> alter table basic_info modify emp_name varchar(20);
Query OK, 0 rows affected (1.201 sec)
Records: 0  Duplicates: 0  Warnings: 0

MariaDB [employee]> desc basic_info;
+----------+------------+------+-----+---------+-------+
| Field    | Type       | Null | Key | Default | Extra |
+----------+------------+------+-----+---------+-------+
| emp_id   | int(5)     | YES  |     | NULL    |       |
| emp_name | varchar(20)| YES  |     | NULL    |       |
| emp_dob  | date       | YES  |     | NULL    |       |
| age      | int(3)     | YES  |     | NULL    |       |
| address  | varchar(30)| YES  |     | NULL    |       |
| doj      | date       | YES  |     | NULL    |       |
| salary   | int(20)    | YES  |     | NULL    |       |
+----------+------------+------+-----+---------+-------+
7 rows in set (0.014 sec)
```

Saved successfully!   ✕

```
Mu..uDD [cmpioyee]> u.... .u..c vu..c_info add(age1 int(4),salary1 int(5));
Query OK, 0 rows affected (0.211 sec)
Records: 0  Duplicates: 0  Warnings: 0

MariaDB [employee]> alter table basic_info modify age int(4),modify salary int(5);
Query OK, 0 rows affected (0.075 sec)
Records: 0  Duplicates: 0  Warnings: 0

MariaDB [employee]> alter table basic_info modify age int(4),modify salary int(5),add sal int
Query OK, 0 rows affected (0.277 sec)
Records: 0  Duplicates: 0  Warnings: 0

MariaDB [employee]> desc basic info;
ERROR 1146 (42S02): Table 'employee.basic' doesn't exist
MariaDB [employee]> desc basic_info;
+----------+------------+------+-----+---------+-------+
| Field    | Type       | Null | Key | Default | Extra |
+----------+------------+------+-----+---------+-------+
| emp_id   | int(5)     | YES  |     | NULL    |       |
| emp_name | varchar(20)| YES  |     | NULL    |       |
| emp_dob  | date       | YES  |     | NULL    |       |
| age      | int(4)     | YES  |     | NULL    |       |
| address  | varchar(30)| YES  |     | NULL    |       |
| doj      | date       | YES  |     | NULL    |       |
| salary   | int(5)     | YES  |     | NULL    |       |
| age1     | int(4)     | YES  |     | NULL    |       |
| salary1  | int(5)     | YES  |     | NULL    |       |
| sal      | int(6)     | YES  |     | NULL    |       |
+----------+------------+------+-----+---------+-------+
10 rows in set (0.012 sec)
```

```
MariaDB [employee]> alter table basic_info drop(age1,salary1)
    -> ;
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds t
MariaDB [employee]> alter table basic_info drop age1,drop salary1;
Query OK, 0 rows affected (0.196 sec)
Records: 0  Duplicates: 0  Warnings: 0

MariaDB [employee]> desc basic info;
ERROR 1146 (42S02): Table 'employee.basic' doesn't exist
MariaDB [employee]> desc basic_info;
+----------+-------------+------+-----+---------+-------+
| Field    | Type        | Null | Key | Default | Extra |
+----------+-------------+------+-----+---------+-------+
| emp_id   | int(5)      | YES  |     | NULL    |       |
| emp_name | varchar(20) | YES  |     | NULL    |       |
| emp_dob  | date        | YES  |     | NULL    |       |
| age      | int(4)      | YES  |     | NULL    |       |
| address  | varchar(30) | YES  |     | NULL    |       |
| doi      | date        | YES  |     | NULL    |       |
```

Saved successfully!   ✕ | NULL | |
                                                    | NULL | |
```
+----------+-------------+------+-----+---------+-------+
8 rows in set (0.012 sec)

MariaDB [employee]> alter table basic_info drop sal;
Query OK, 0 rows affected (0.530 sec)
Records: 0  Duplicates: 0  Warnings: 0

MariaDB [employee]>




MariaDB [employee]> show tables;
+--------------------+
| Tables_in_employee |
+--------------------+
| basic_info         |
+--------------------+
1 row in set (0.001 sec)

MariaDB [employee]> insert into basic_info values(4,'Aransh',"12-04-1999",24,'India','12-10-2
Query OK, 1 row affected, 2 warnings (0.072 sec)

MariaDB [employee]> desc basic_info;
+----------+-------------+------+-----+---------+-------+
| Field    | Type        | Null | Key | Default | Extra |
+----------+-------------+------+-----+---------+-------+
```

```
| emp_ia    | int(5)      | YES |     | NULL    |       |
| emp_name  | varchar(20) | YES |     | NULL    |       |
| emp_dob   | date        | YES |     | NULL    |       |
| age       | int(4)      | YES |     | NULL    |       |
| address   | varchar(30) | YES |     | NULL    |       |
| doj       | date        | YES |     | NULL    |       |
| salary    | int(5)      | YES |     | NULL    |       |
+-----------+-------------+------+-----+---------+-------+
7 rows in set (0.048 sec)

MariaDB [employee]> insert into basic_info(emp_id,emp_name,age) values(5,'Roshana',29);
Query OK, 1 row affected (0.085 sec)

MariaDB [employee]> insert into basic_info(emp_id,emp_name,salary) values(5,'Roshana',1000000
Query OK, 1 row affected (0.070 sec)

MariaDB [employee]> desc basic_info;
+-----------+-------------+------+-----+---------+-------+
| Field     | Type        | Null | Key | Default | Extra |
+-----------+-------------+------+-----+---------+-------+
                                |     | NULL    |       |
                                |     | NULL    |       |
                                |     | NULL    |       |
| age       | int(4)      | YES |     | NULL    |       |
| address   | varchar(30) | YES |     | NULL    |       |
| doj       | date        | YES |     | NULL    |       |
| salary    | int(5)      | YES |     | NULL    |       |
+-----------+-------------+------+-----+---------+-------+
7 rows in set (0.015 sec)

MariaDB [employee]> select * from basic_info;
+--------+----------+------------+------+---------+------------+---------+
| emp_id | emp_name | emp_dob    | age  | address | doj        | salary  |
+--------+----------+------------+------+---------+------------+---------+
|      1 | Amit     | 0000-00-00 |   30 | India   | 0000-00-00 |  200000 |
|      2 | Pawan    | 0000-00-00 |   31 | India   | 0000-00-00 |  100000 |
|      3 | Priya    | 0000-00-00 |   25 | India   | 0000-00-00 |  300000 |
|      4 | Aransh   | 0000-00-00 |   24 | India   | 0000-00-00 |  150000 |
|      5 | Roshana  | NULL       |   29 | NULL    | NULL       |    NULL |
|      5 | Roshana  | NULL       | NULL | NULL    | NULL       | 1000000 |
+--------+----------+------------+------+---------+------------+---------+
6 rows in set (0.000 sec)

MariaDB [employee]> update basic_info set age=30;
Query OK, 5 rows affected (0.058 sec)
Rows matched: 6  Changed: 5  Warnings: 0

MariaDB [employee]> select * from basic_info;
+--------+----------+------------+------+---------+------------+---------+
| emp_id | emp_name | emp_dob    | age  | address | doj        | salary  |
+--------+----------+------------+------+---------+------------+---------+
|      1 | Amit     | 0000-00-00 |   30 | India   | 0000-00-00 |  200000 |
```

Saved successfully!   ×

```
|      2 | Pawan    | 0000-00-00  |   30 | India   | 0000-00-00  |   100000 |
|      3 | Priya    | 0000-00-00  |   30 | India   | 0000-00-00  |   300000 |
|      4 | Aransh   | 0000-00-00  |   30 | India   | 0000-00-00  |   150000 |
|      5 | Roshana  | NULL        |   30 | NULL    | NULL        |     NULL |
|      5 | Roshana  | NULL        |   30 | NULL    | NULL        |  1000000 |
+--------+----------+-------------+------+---------+-------------+---------+
6 rows in set (0.000 sec)

MariaDB [employee]> update basic_info set age=31 where name="Pawan;
    "> "
    ->
    ->
    ->
    ->
    -> ::;
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds t
MariaDB [employee]> update basic_info set age=31 where name="Pawan";
ERROR 1054 (42S22): Unknown column 'name' in 'where clause'
MariaDB [employee]> update basic_info set age=31 where emp_name="Pawan";
Query OK, 1 row affected (0.059 sec)
                                        s: 0
```

Saved successfully!   ✕

```
MariaDB [employee]> select * from basic_info;
+--------+----------+-------------+------+---------+-------------+---------+
| emp_id | emp_name | emp_dob     | age  | address | doj         | salary  |
+--------+----------+-------------+------+---------+-------------+---------+
|      1 | Amit     | 0000-00-00  |   30 | India   | 0000-00-00  |   200000 |
|      2 | Pawan    | 0000-00-00  |   31 | India   | 0000-00-00  |   100000 |
|      3 | Priya    | 0000-00-00  |   30 | India   | 0000-00-00  |   300000 |
|      4 | Aransh   | 0000-00-00  |   30 | India   | 0000-00-00  |   150000 |
|      5 | Roshana  | NULL        |   30 | NULL    | NULL        |     NULL |
|      5 | Roshana  | NULL        |   30 | NULL    | NULL        |  1000000 |
+--------+----------+-------------+------+---------+-------------+---------+
6 rows in set (0.000 sec)

MariaDB [employee]> update basic_info set doj = '2021-09-09' where emp_name='Amit';
Query OK, 1 row affected (0.052 sec)
Rows matched: 1  Changed: 1  Warnings: 0

MariaDB [employee]> select * from basic_info;
+--------+----------+-------------+------+---------+-------------+---------+
| emp_id | emp_name | emp_dob     | age  | address | doj         | salary  |
+--------+----------+-------------+------+---------+-------------+---------+
|      1 | Amit     | 0000-00-00  |   30 | India   | 2021-09-09  |   200000 |
|      2 | Pawan    | 0000-00-00  |   31 | India   | 0000-00-00  |   100000 |
|      3 | Priya    | 0000-00-00  |   30 | India   | 0000-00-00  |   300000 |
|      4 | Aransh   | 0000-00-00  |   30 | India   | 0000-00-00  |   150000 |
|      5 | Roshana  | NULL        |   30 | NULL    | NULL        |     NULL |
|      5 | Roshana  | NULL        |   30 | NULL    | NULL        |  1000000 |
+--------+----------+-------------+------+---------+-------------+---------+
6 rows in set (0.000 sec)
```

```
MariaDB [employee]> update basic_info set id=6 where salary=1000000;
ERROR 1054 (42S22): Unknown column 'id' in 'field list'
MariaDB [employee]> update basic_info set emp_id=6 where salary=1000000;
Query OK, 1 row affected (0.107 sec)
Rows matched: 1  Changed: 1  Warnings: 0

MariaDB [employee]> select * from basic_info;
+--------+----------+------------+------+---------+------------+---------+
| emp_id | emp_name | emp_dob    | age  | address | doj        | salary  |
+--------+----------+------------+------+---------+------------+---------+
|      1 | Amit     | 0000-00-00 |   30 | India   | 2021-09-09 |  200000 |
|      2 | Pawan    | 0000-00-00 |   31 | India   | 0000-00-00 |  100000 |
|      3 | Priya    | 0000-00-00 |   30 | India   | 0000-00-00 |  300000 |
|      4 | Aransh   | 0000-00-00 |   30 | India   | 0000-00-00 |  150000 |
|      5 | Roshana  | NULL       |   30 | NULL    | NULL       |    NULL |
|      6 | Roshana  | NULL       |   30 | NULL    | NULL       | 1000000 |
+--------+----------+------------+------+---------+------------+---------+
6 rows in set (0.001 sec)
```

Saved successfully! ✕

```
                              fo set salary = 2500000 where emp_id=5;

                              s: 0

MariaDB [employee]> select * from basic_info;
+--------+----------+------------+------+---------+------------+---------+
| emp_id | emp_name | emp_dob    | age  | address | doj        | salary  |
+--------+----------+------------+------+---------+------------+---------+
|      1 | Amit     | 0000-00-00 |   30 | India   | 2021-09-09 |  200000 |
|      2 | Pawan    | 0000-00-00 |   31 | India   | 0000-00-00 |  100000 |
|      3 | Priya    | 0000-00-00 |   30 | India   | 0000-00-00 |  300000 |
|      4 | Aransh   | 0000-00-00 |   30 | India   | 0000-00-00 |  150000 |
|      5 | Roshana  | NULL       |   30 | NULL    | NULL       | 2500000 |
|      6 | Roshana  | NULL       |   30 | NULL    | NULL       | 1000000 |
+--------+----------+------------+------+---------+------------+---------+
6 rows in set (0.000 sec)

MariaDB [employee]>



MariaDB [employee]> delete from basic_info where id=6;
ERROR 1054 (42S22): Unknown column 'id' in 'where clause'
MariaDB [employee]> delete from basic_info where emp_id=6;
Query OK, 1 row affected (0.058 sec)

MariaDB [employee]> select * from basic_info;
+--------+----------+------------+------+---------+------------+---------+
| emp_id | emp_name | emp_dob    | age  | address | doj        | salary  |
+--------+----------+------------+------+---------+------------+---------+
|      1 | Amit     | 0000-00-00 |   30 | India   | 2021-09-09 |  200000 |
|      2 | Pawan    | 0000-00-00 |   31 | India   | 0000-00-00 |  100000 |
```

```
|      3 | Priya      | 0000-00-00 |   30 | India   | 0000-00-00 |  300000 |
|      4 | Aransh     | 0000-00-00 |   30 | India   | 0000-00-00 |  150000 |
|      5 | Roshana    | NULL       |   30 | NULL    | NULL       | 2500000 |
+--------+-----------+------------+------+---------+------------+---------+
5 rows in set (0.000 sec)

MariaDB [employee]> delete from basic_info where emp_id>=4;
Query OK, 2 rows affected (0.084 sec)

MariaDB [employee]> select * from basic_info;
+--------+-----------+------------+------+---------+------------+---------+
| emp_id | emp_name  | emp_dob    | age  | address | doj        | salary  |
+--------+-----------+------------+------+---------+------------+---------+
|      1 | Amit      | 0000-00-00 |   30 | India   | 2021-09-09 |  200000 |
|      2 | Pawan     | 0000-00-00 |   31 | India   | 0000-00-00 |  100000 |
|      3 | Priya     | 0000-00-00 |   30 | India   | 0000-00-00 |  300000 |
+--------+-----------+------------+------+---------+------------+---------+
3 rows in set (0.000 sec)

MariaDB [employee]> delete from basic_info;
                                           )
```

Saved successfully!   ✕

```
Mai iaDB [empioyee]> seiect   11 um basic_info;
Empty set (0.000 sec)

MariaDB [employee]>
```

```
Setting environment for using XAMPP for Windows.
amit@DESKTOP-BSFH5IH c:\xampp
# mysql -u root -h localhost
Welcome to the MariaDB monitor.  Commands end with ; or \g.
Your MariaDB connection id is 8
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)]> show databses;
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds t
MariaDB [(none)]> show databases;
+--------------------+
| Database           |
+--------------------+
| demo               |
| employee           |
| information schema |
```

```
| mysql              |
| performance_schema |
| phpmyadmin         |
| student            |
| test               |
+--------------------+
8 rows in set (0.840 sec)

MariaDB [(none)]> use employee;
Database changed
MariaDB [employee]> show tables;
+--------------------+
| Tables_in_employee |
+--------------------+
| basic_info         |
+--------------------+
1 row in set (0.044 sec)

MariaDB [employee]> desc basic_info;
```



```
                                    y | Default | Extra |
                                   --+---------+-------+
| emp_id   | int(5)      | YES |     | NULL    |       |
| emp_name | varchar(20) | YES |     | NULL    |       |
| emp_dob  | date        | YES |     | NULL    |       |
| age      | int(4)      | YES |     | NULL    |       |
| address  | varchar(30) | YES |     | NULL    |       |
| doj      | date        | YES |     | NULL    |       |
| salary   | int(5)      | YES |     | NULL    |       |
+----------+-------------+------+-----+---------+-------+
7 rows in set (0.412 sec)

MariaDB [employee]> select * from basic_info;
Empty set (0.374 sec)

MariaDB [employee]> create table movies (id int(3), fname char(20), lname char(20), movie_id
Query OK, 0 rows affected (0.647 sec)

MariaDB [employee]> insert into movies values(&id,&fname,&lname, &movie_id);
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds t
MariaDB [employee]> insert into movies values('&id','&fname','&lname', '&movie_id');
Query OK, 1 row affected, 2 warnings (0.174 sec)

MariaDB [employee]> insert into movies values(1,'amit','G','1);
    '> ';
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds t
MariaDB [employee]> insert into movies values(1,'amit','G',1);
Query OK, 1 row affected (0.116 sec)

MariaDB [employee]> insert into movies values(2,'Ravi','GA',2);
Query OK, 1 row affected (0.076 sec)
```

```
MariaDB [employee]> insert into movies values(3,'Priya','GAW',5);
Query OK, 1 row affected (0.073 sec)

MariaDB [employee]> insert into movies values(4,'PAwa','GAWA',8);
Query OK, 1 row affected (0.057 sec)

MariaDB [employee]> insert into movies values(6,'Aru','GAWAD',10);
Query OK, 1 row affected (0.080 sec)

MariaDB [employee]> select * from movies;
+------+--------+--------+----------+
| id   | fname  | lname  | movie_id |
+------+--------+--------+----------+
|    0 | &fname | &lname |        0 |
|    1 | amit   | G      |        1 |
|    2 | Ravi   | GA     |        2 |
|    3 | Priya  | GAW    |        5 |
|    4 | PAwa   | GAWA   |        8 |
|    6 | Aru    | GAWAD  |       10 |
```

Saved successfully!   ✕

```
MariaDB [employee]> delete from movies where id =0;
Query OK, 1 row affected (0.159 sec)

MariaDB [employee]> select * from movies;
+------+-------+-------+----------+
| id   | fname | lname | movie_id |
+------+-------+-------+----------+
|    1 | amit  | G     |        1 |
|    2 | Ravi  | GA    |        2 |
|    3 | Priya | GAW   |        5 |
|    4 | PAwa  | GAWA  |        8 |
|    6 | Aru   | GAWAD |       10 |
+------+-------+-------+----------+
5 rows in set (0.001 sec)

MariaDB [employee]> create table members(id int(3), title char(20),category char(20));
Query OK, 0 rows affected (0.826 sec)

MariaDB [employee]> insert into members values(1,"The Real Person",'Animation');
Query OK, 1 row affected (0.251 sec)

MariaDB [employee]> insert into members values(2,"Real Steel",'Animation');
Query OK, 1 row affected (0.072 sec)

MariaDB [employee]> insert into members values(3,"RAONE",'Action');
Query OK, 1 row affected (0.097 sec)

MariaDB [employee]> insert into members values(4,"Safe House",'Action');
Query OK, 1 row affected (0.069 sec)
```

```
MariaDB [employee]> insert into members values(5,"Deadline",'18+');
Query OK, 1 row affected (0.077 sec)

MariaDB [employee]> select * from members;
+------+-----------------+-----------+
| id   | title           | category  |
+------+-----------------+-----------+
|    1 | The Real Person | Animation |
|    2 | Real Steel      | Animation |
|    3 | RAONE           | Action    |
|    4 | Safe House      | Action    |
|    5 | Deadline        | 18+       |
+------+-----------------+-----------+
5 rows in set (0.000 sec)

MariaDB [employee]> select * from movies CROSS JOIN members;
+------+-------+-------+----------+------+-----------------+-----------+
| id   | fname | lname | movie_id | id   | title           | category  |
+------+-------+-------+----------+------+-----------------+-----------+
|                                        1 | The Real Person | Animation |
|                                        1 | The Real Person | Animation |
|    3 | Priya | GAW   |        5 |    1 | The Real Person | Animation |
|    4 | PAwa  | GAWA  |        8 |    1 | The Real Person | Animation |
|    6 | Aru   | GAWAD |       10 |    1 | The Real Person | Animation |
|    1 | amit  | G     |        1 |    2 | Real Steel      | Animation |
|    2 | Ravi  | GA    |        2 |    2 | Real Steel      | Animation |
|    3 | Priya | GAW   |        5 |    2 | Real Steel      | Animation |
|    4 | PAwa  | GAWA  |        8 |    2 | Real Steel      | Animation |
|    6 | Aru   | GAWAD |       10 |    2 | Real Steel      | Animation |
|    1 | amit  | G     |        1 |    3 | RAONE           | Action    |
|    2 | Ravi  | GA    |        2 |    3 | RAONE           | Action    |
|    3 | Priya | GAW   |        5 |    3 | RAONE           | Action    |
|    4 | PAwa  | GAWA  |        8 |    3 | RAONE           | Action    |
|    6 | Aru   | GAWAD |       10 |    3 | RAONE           | Action    |
|    1 | amit  | G     |        1 |    4 | Safe House      | Action    |
|    2 | Ravi  | GA    |        2 |    4 | Safe House      | Action    |
|    3 | Priya | GAW   |        5 |    4 | Safe House      | Action    |
|    4 | PAwa  | GAWA  |        8 |    4 | Safe House      | Action    |
|    6 | Aru   | GAWAD |       10 |    4 | Safe House      | Action    |
|    1 | amit  | G     |        1 |    5 | Deadline        | 18+       |
|    2 | Ravi  | GA    |        2 |    5 | Deadline        | 18+       |
|    3 | Priya | GAW   |        5 |    5 | Deadline        | 18+       |
|    4 | PAwa  | GAWA  |        8 |    5 | Deadline        | 18+       |
|    6 | Aru   | GAWAD |       10 |    5 | Deadline        | 18+       |
+------+-------+-------+----------+------+-----------------+-----------+
25 rows in set (0.064 sec)

MariaDB [employee]> select movies.fname movies.lname members.title from movies,members where
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds t
MariaDB [employee]> select movies.fname,movies.lname,members.title from movies,members where
```

Saved successfully!   ✕

```
+-------+-------+----------------+
| fname | lname | title          |
+-------+-------+----------------+
| amit  | G     | The Real Person |
| Ravi  | GA    | Real Steel     |
| Priya | GAW   | RAONE          |
| PAwa  | GAWA  | Safe House     |
+-------+-------+----------------+
4 rows in set (0.106 sec)

MariaDB [employee]> select movies.fname,movies.lname,members.title from movies,members where
ERROR 1054 (42S22): Unknown column '2members.id' in 'where clause'
MariaDB [employee]> select movies.fname,movies.lname,members.title from movies,members where
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds t
MariaDB [employee]> select movies.fname,movies.lname,members.title from movies,members where
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds t
MariaDB [employee]> select movies.fname,movies.lname,members.title from movies,members where
+-------+-------+----------------+
| fname | lname | title          |
+-------+-------+----------------+
```

Saved successfully!   ✕

```
| amit  | G     | RAONE          |
| Ravi  | GA    | RAONE          |
| Priya | GAW   | RAONE          |
| amit  | G     | Safe House     |
| Ravi  | GA    | Safe House     |
| Priya | GAW   | Safe House     |
| PAwa  | GAWA  | Safe House     |
| amit  | G     | Deadline       |
| Ravi  | GA    | Deadline       |
| Priya | GAW   | Deadline       |
| PAwa  | GAWA  | Deadline       |
+-------+-------+----------------+
14 rows in set (0.030 sec)

MariaDB [employee]> select movies.fname,movies.lname,members.title from movies,members where
+-------+-------+----------------+
| fname | lname | title          |
+-------+-------+----------------+
| amit  | G     | The Real Person |
| Ravi  | GA    | The Real Person |
| Priya | GAW   | The Real Person |
| PAwa  | GAWA  | The Real Person |
| Aru   | GAWAD | The Real Person |
| Ravi  | GA    | Real Steel     |
| Priya | GAW   | Real Steel     |
| PAwa  | GAWA  | Real Steel     |
| Aru   | GAWAD | Real Steel     |
| Priya | GAW   | RAONE          |
| PAwa  | GAWA  | RAONE          |
```

```
| Aru    | GAWAD | RAONE           |
| PAwa   | GAWA  | Safe House      |
| Aru    | GAWAD | Safe House      |
| Aru    | GAWAD | Deadline        |
+-------+-------+-----------------+
15 rows in set (0.000 sec)

MariaDB [employee]> select movies.fname,movies.lname,members.title from movies outer join mem
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds t
MariaDB [employee]> select movies.fname,movies.lname,members.title from movies outer join mem
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds t
MariaDB [employee]> select M.fname,M.lname, A.title from movies as M LEFT JOIN members as A O
+-------+-------+-----------------+
| fname | lname | title           |
+-------+-------+-----------------+
| amit  | G     | The Real Person |
| Ravi  | GA    | Real Steel      |
| Priya | GAW   | RAONE           |
| PAwa  | GAWA  | Safe House      |
| Aru   | GAWAD | NULL            |
```

Saved successfully!   ✕

```
MariaDB [employee]> select * from movies LEFT JOIN members ON M.id =A.id;
ERROR 1054 (42S22): Unknown column 'M.id' in 'on clause'
MariaDB [employee]> select * from movies LEFT JOIN members ON id =id;
ERROR 1052 (23000): Column 'id' in on clause is ambiguous
MariaDB [employee]> select * from movies LEFT JOIN members ON members.id=movies.id;
+------+-------+-------+----------+------+-----------------+-----------+
| id   | fname | lname | movie_id | id   | title           | category  |
+------+-------+-------+----------+------+-----------------+-----------+
|    1 | amit  | G     |        1 |    1 | The Real Person | Animation |
|    2 | Ravi  | GA    |        2 |    2 | Real Steel      | Animation |
|    3 | Priya | GAW   |        5 |    3 | RAONE           | Action    |
|    4 | PAwa  | GAWA  |        8 |    4 | Safe House      | Action    |
|    6 | Aru   | GAWAD |       10 | NULL | NULL            | NULL      |
+------+-------+-------+----------+------+-----------------+-----------+
5 rows in set (0.001 sec)

MariaDB [employee]> select * from movies LEFT JOIN members ON members.id=movies.movie_id;
+------+-------+-------+----------+------+-----------------+-----------+
| id   | fname | lname | movie_id | id   | title           | category  |
+------+-------+-------+----------+------+-----------------+-----------+
|    1 | amit  | G     |        1 |    1 | The Real Person | Animation |
|    2 | Ravi  | GA    |        2 |    2 | Real Steel      | Animation |
|    3 | Priya | GAW   |        5 |    5 | Deadline        | 18+       |
|    4 | PAwa  | GAWA  |        8 | NULL | NULL            | NULL      |
|    6 | Aru   | GAWAD |       10 | NULL | NULL            | NULL      |
+------+-------+-------+----------+------+-----------------+-----------+
5 rows in set (0.001 sec)

MariaDB [employee]> desc movies;
```

```
MariaDB [employee]> desc movies;
+-----------+-----------+------+-----+---------+-------+
| Field     | Type      | Null | Key | Default | Extra |
+-----------+-----------+------+-----+---------+-------+
| id        | int(3)    | YES  |     | NULL    |       |
| fname     | char(20)  | YES  |     | NULL    |       |
| lname     | char(20)  | YES  |     | NULL    |       |
| movie_id  | int(3)    | YES  |     | NULL    |       |
+-----------+-----------+------+-----+---------+-------+
4 rows in set (0.187 sec)

MariaDB [employee]> desc members
    -> ;
+-----------+-----------+------+-----+---------+-------+
| Field     | Type      | Null | Key | Default | Extra |
+-----------+-----------+------+-----+---------+-------+
| id        | int(3)    | YES  |     | NULL    |       |
| title     | char(20)  | YES  |     | NULL    |       |
| category  | char(20)  | YES  |     | NULL    |       |
+-----------+-----------+------+-----+---------+-------+
```

Saved successfully!   ✕

```
                              vies LEFT JOIN members ON movies.id = members.id;
+------+-------+-------+----------+------+----------------+-----------+
| id   | fname | lname | movie_id | id   | title          | category  |
+------+-------+-------+----------+------+----------------+-----------+
|    1 | amit  | G     |          |    1 |    1 | The Real Person | Animation |
|    2 | Ravi  | GA    |          |    2 |    2 | Real Steel      | Animation |
|    3 | Priya | GAW   |          |    5 |    3 | RAONE           | Action    |
|    4 | PAwa  | GAWA  |          |    8 |    4 | Safe House      | Action    |
|    6 | Aru   | GAWAD |          |   10 | NULL | NULL            | NULL      |
+------+-------+-------+----------+------+----------------+-----------+
5 rows in set (0.001 sec)

MariaDB [employee]> select * from movies LEFT JOIN members ON movies.movie_id = members.id;
+------+-------+-------+----------+------+----------------+-----------+
| id   | fname | lname | movie_id | id   | title          | category  |
+------+-------+-------+----------+------+----------------+-----------+
|    1 | amit  | G     |          |    1 |    1 | The Real Person | Animation |
|    2 | Ravi  | GA    |          |    2 |    2 | Real Steel      | Animation |
|    3 | Priya | GAW   |          |    5 |    5 | Deadline        | 18+       |
|    4 | PAwa  | GAWA  |          |    8 | NULL | NULL            | NULL      |
|    6 | Aru   | GAWAD |          |   10 | NULL | NULL            | NULL      |
+------+-------+-------+----------+------+----------------+-----------+
5 rows in set (0.001 sec)

MariaDB [employee]> select * from movies RIGHT JOIN members ON movies.movie_id = members.id;
+------+-------+-------+----------+------+----------------+-----------+
| id   | fname | lname | movie_id | id   | title          | category  |
+------+-------+-------+----------+------+----------------+-----------+
|    1 | amit  | G     |          |    1 |    1 | The Real Person | Animation |
|    2 | Ravi  | GA    |          |    2 |    2 | Real Steel      | Animation |
```

```
|      3 | Priya | GAW    |        5 |    5 | Deadline       | 18+       |
|   NULL |  NULL |  NULL  |     NULL |    3 | RAONE          | Action    |
|   NULL |  NULL |  NULL  |     NULL |    4 | Safe House     | Action    |
+--------+-------+--------+----------+------+----------------+-----------+
5 rows in set (0.001 sec)

MariaDB [employee]> alter table movies modify id int(2) primary key;
Query OK, 0 rows affected (2.469 sec)
Records: 0  Duplicates: 0  Warnings: 0

MariaDB [employee]> desc movies;
+----------+----------+------+-----+---------+-------+
| Field    | Type     | Null | Key | Default | Extra |
+----------+----------+------+-----+---------+-------+
| id       | int(2)   | NO   | PRI | NULL    |       |
| fname    | char(20) | YES  |     | NULL    |       |
| lname    | char(20) | YES  |     | NULL    |       |
| movie_id | int(3)   | YES  |     | NULL    |       |
+----------+----------+------+-----+---------+-------+
4 rows in set (0.110 sec)
```

Saved successfully!   ✕   es values(1,'Amit','GA',1);

```
ERROR 1062 (23000): Duplicate entry '1' for key 'PRIMARY'
MariaDB [employee]> insert into movies values(5,'Amit','GA',1);
Query OK, 1 row affected (0.097 sec)

MariaDB [employee]> select * from movies;
+----+-------+-------+----------+
| id | fname | lname | movie_id |
+----+-------+-------+----------+
|  1 | amit  | G     |        1 |
|  2 | Ravi  | GA    |        2 |
|  3 | Priya | GAW   |        5 |
|  4 | PAwa  | GAWA  |        8 |
|  5 | Amit  | GA    |        1 |
|  6 | Aru   | GAWAD |       10 |
+----+-------+-------+----------+
6 rows in set (0.000 sec)

MariaDB [employee]> alter table members modify id int(2) references id(movies);
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds t
MariaDB [employee]> alter table members modify id int(2) foreignkey  references movies(id);
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds t
MariaDB [employee]> alter table members modify id int(2) foreign key  references movies(id);
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds t
MariaDB [employee]> alter table members modify id int foreign key  references movies(id);
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds t
MariaDB [employee]> alter table members modify id int(2) FOREIGN KEY  references movies(id);
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds t
MariaDB [employee]> alter table members modify (id int(2) FOREIGN KEY  references movies(id))
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds t
MariaDB [employee]> create table mem (id int(2) FOREIGN KEY  references movies(id),name char(
```

```
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds t
MariaDB [employee]> create table mem (id int(2),FOREIGN KEY(id)  references movies(id),name c
Query OK, 0 rows affected (1.166 sec)

MariaDB [employee]> alter table members modify (id int(2), FOREIGN KEY(id)  references movies
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds t
MariaDB [employee]> alter table members modify id int(2), FOREIGN KEY(id)  references movies(
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds t
MariaDB [employee]> desc mem;
+-------+----------+------+-----+---------+-------+
| Field | Type     | Null | Key | Default | Extra |
+-------+----------+------+-----+---------+-------+
| id    | int(2)   | YES  | MUL | NULL    |       |
| name  | char(20) | YES  |     | NULL    |       |
+-------+----------+------+-----+---------+-------+
2 rows in set (0.037 sec)

MariaDB [employee]> desc movies;
+----------+----------+------+-----+---------+-------+
| Field    | Type     | Null | Key | Default | Extra |
+----------+----------+------+-----+---------+-------+
|          |          |      |     | NULL    |       |
| fname    | char(20) | YES  |     | NULL    |       |
| lname    | char(20) | YES  |     | NULL    |       |
| movie_id | int(3)   | YES  |     | NULL    |       |
+----------+----------+------+-----+---------+-------+
4 rows in set (0.046 sec)

MariaDB [employee]> select * from movies;
+----+-------+-------+----------+
| id | fname | lname | movie_id |
+----+-------+-------+----------+
|  1 | amit  | G     |        1 |
|  2 | Ravi  | GA    |        2 |
|  3 | Priya | GAW   |        5 |
|  4 | PAwa  | GAWA  |        8 |
|  5 | Amit  | GA    |        1 |
|  6 | Aru   | GAWAD |       10 |
+----+-------+-------+----------+
6 rows in set (0.001 sec)

MariaDB [employee]> insert into mem values(10,'Amit');
ERROR 1452 (23000): Cannot add or update a child row: a foreign key constraint fails (`employ
MariaDB [employee]> insert into mem values(1,'Amit');
Query OK, 1 row affected (0.094 sec)

MariaDB [employee]> insert into mem values(2,'Amit');
Query OK, 1 row affected (0.097 sec)

MariaDB [employee]> insert into mem values(21,'Amit');
ERROR 1452 (23000): Cannot add or update a child row: a foreign key constraint fails (`employ
```

Saved successfully!   ✕

```
MariaDB [employee]>




MariaDB [employee]> select * from movies where fanme like 's%';
ERROR 1054 (42S22): Unknown column 'fanme' in 'where clause'
MariaDB [employee]> select * from movies where fname like 's%';
Empty set (0.064 sec)

MariaDB [employee]> select * from movies where fname like 'a%';
+----+-------+-------+----------+
| id | fname | lname | movie_id |
+----+-------+-------+----------+
|  1 | amit  | G     |        1 |
|  5 | Amit  | GA    |        1 |
|  6 | Aru   | GAWAD |       10 |
+----+-------+-------+----------+
3 rows in set (0.001 sec)
```

Saved successfully!   ✕   vies where fname like 'p%';

```
+----+-------+-------+----------+
|  3 | Priya | GAW   |        5 |
|  4 | PAwa  | GAWA  |        8 |
+----+-------+-------+----------+
2 rows in set (0.000 sec)

MariaDB [employee]> select * from movies where fname like '%p';
Empty set (0.000 sec)

MariaDB [employee]> select * from movies where fname like '%t';
+----+-------+-------+----------+
| id | fname | lname | movie_id |
+----+-------+-------+----------+
|  1 | amit  | G     |        1 |
|  5 | Amit  | GA    |        1 |
+----+-------+-------+----------+
2 rows in set (0.001 sec)

MariaDB [employee]> select * from movies where movie_id like '%6';
Empty set (0.001 sec)

MariaDB [employee]> select * from movies where movie_id like %6;
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds t
MariaDB [employee]> select * from movies where movie_id like 6%;
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds t
MariaDB [employee]> select * from movies where movie_id like '6%';
Empty set (0.000 sec)

MariaDB [employee]> select * from movies where movie_id between 1 to 10;
```

```
    ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds t
    MariaDB [employee]> select * from movies where movie_id between 1 and 10;
    +----+-------+-------+----------+
    | id | fname | lname | movie_id |
    +----+-------+-------+----------+
    |  1 | amit  | G     |        1 |
    |  2 | Ravi  | GA    |        2 |
    |  3 | Priya | GAW   |        5 |
    |  4 | PAwa  | GAWA  |        8 |
    |  5 | Amit  | GA    |        1 |
    |  6 | Aru   | GAWAD |       10 |
    +----+-------+-------+----------+
    6 rows in set (0.088 sec)

    MariaDB [employee]> select * from movies where movie_id between 10 and 101;
    +----+-------+-------+----------+
    | id | fname | lname | movie_id |
    +----+-------+-------+----------+
    |  6 | Aru   | GAWAD |       10 |
    +----+-------+-------+----------+
```

Saved successfully!   ✕

```
    MariaDB [employee]> select * from movies where movie_id like '%a%';
    Empty set (0.000 sec)

    MariaDB [employee]> select * from movies where movie_id like '%i%';
    Empty set (0.000 sec)

    MariaDB [employee]> select * from movies where fname like '%i%';
    +----+-------+-------+----------+
    | id | fname | lname | movie_id |
    +----+-------+-------+----------+
    |  1 | amit  | G     |        1 |
    |  2 | Ravi  | GA    |        2 |
    |  3 | Priya | GAW   |        5 |
    |  5 | Amit  | GA    |        1 |
    +----+-------+-------+----------+
    4 rows in set (0.001 sec)

    MariaDB [employee]> select * from movies where fname like '%i';
    +----+-------+-------+----------+
    | id | fname | lname | movie_id |
    +----+-------+-------+----------+
    |  2 | Ravi  | GA    |        2 |
    +----+-------+-------+----------+
    1 row in set (0.001 sec)

    MariaDB [employee]> select * from movies where fname like '%a%';
    +----+-------+-------+----------+
    | id | fname | lname | movie_id |
    +----+-------+-------+----------+
    |  1 | amit  | G     |        1 |
```

```
|  1 | amit   | G       |         1 |
|  2 | Ravi   | GA      |         2 |
|  3 | Priya  | GAW     |         5 |
|  4 | PAwa   | GAWA    |         8 |
|  5 | Amit   | GA      |         1 |
|  6 | Aru    | GAWAD   |        10 |
+----+--------+---------+-----------+
6 rows in set (0.000 sec)

MariaDB [employee]> select * from movies where id in(1,2,3);
+----+--------+---------+-----------+
| id | fname  | lname   | movie_id  |
+----+--------+---------+-----------+
|  1 | amit   | G       |         1 |
|  2 | Ravi   | GA      |         2 |
|  3 | Priya  | GAW     |         5 |
+----+--------+---------+-----------+
3 rows in set (0.128 sec)

MariaDB [employee]> select fname from movies where exist (select id from members where member
                                   r in your SQL syntax; check the manual that corresponds t
                                   m movies where exists (select id from members where membe

| fname |
+-------+
| amit  |
| Ravi  |
| Priya |
| PAwa  |
| Amit  |
+-------+
5 rows in set (0.074 sec)

MariaDB [employee]> select fname from movies where exists (select id from members where membe
Empty set (0.001 sec)

MariaDB [employee]>
```

Saved successfully!   ✕

Colab paid products - Cancel contracts here

Saved successfully!