



MariaDB [(none)]> create database movie;

Query OK, 1 row affected (0.001 sec)

MariaDB [(none)]> use movie;

Database changed

MariaDB [movie]> create table movie(mov\_id int primary key auto\_increment,mov\_title varchar(50) not null,mov\_year int not null,mov\_time int not null,mov\_lang varchar(50),mov\_dt\_rel date,mov\_rel\_country varchar(50));

Query OK, 0 rows affected (0.047 sec)

MariaDB [movie]> desc movie;

Field	Type	Null	Key	Default	Extra
mov_id	int(11)	NO	PRI	NULL	auto_increment
mov_title	varchar(50)	NO		NULL	
mov_year	int(11)	NO		NULL	
mov_time	int(11)	NO		NULL	
mov_lang	varchar(50)	YES		NULL	
mov_dt_rel	date	YES		NULL	
mov_rel_country	varchar(50)	YES		NULL	

7 rows in set (0.019 sec)

MariaDB [movie]> insert into movie value(1,"Pathaan","2023","3","Hindi","2023-01-25","India"),(2,"Tanhaji","2020","2","Hindi","2020-08-31","india"),(3,"Ved","2022","3","Marathi","2022-12-30","india"),(4,"Mission\_Mangal","2019","2","Hindi","2019-08-15","india"),(5,"Titanic","1997","3","English","1998-01-23","UK"),(6,"URI","2019","2","Hindi","2019-11-01","India");

Query OK, 6 rows affected (0.006 sec)

Records: 6 Duplicates: 0 Warnings: 0

MariaDB [movie]> select \* from movie;

mov_id	mov_title	mov_year	mov_time	mov_lang	mov_dt_rel	mov_rel_country
1	Pathaan	2023	3	Hindi	2023-01-25	India
2	Tanhaji	2020	2	Hindi	2020-08-31	india
3	Ved	2022	3	Marathi	2022-12-30	india
4	Mission_Mangal	2019	2	Hindi	2019-08-15	india

5	Titanic	1997	3	English	1998-01-23	UK
6	URI	2019	2	Hindi	2019-11-01	India

6 rows in set (0.000 sec)

MariaDB [movie]> create table actor(act\_id int primary key,act\_fname varchar(20) not null,act\_lname varchar(20),act\_gender char(1));

Query OK, 0 rows affected (0.051 sec)

MariaDB [movie]> desc actor;

Field	Type	Null	Key	Default	Extra
act_id	int(11)	NO	PRI	NULL	
act_fname	varchar(20)	NO		NULL	
act_lname	varchar(20)	YES		NULL	
act_gender	char(1)	YES		NULL	

4 rows in set (0.021 sec)

MariaDB [movie]> insert into actor

value(1,"Sharukh","Khan","M"),(2,"Ajay","Devgan","M"),(3,"Jiya","Shankar","F"),(4,"Vidya","Balan","F"),(5,"Leonardo","Dicaprio","M"),(6,"Yami","Gautam","F");

Query OK, 6 rows affected (0.008 sec)

Records: 6 Duplicates: 0 Warnings: 0

MariaDB [movie]> select \* from actor;

act_id	act_fname	act_lname	act_gender
1	Sharukh	Khan	M
2	Ajay	Devgan	M

	3		Jiya		Shankar		F	
	4		Vidya		Balan		F	
	5		Leonardo		Dicaprio		M	
	6		Yami		Gautam		F	

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

6 rows in set (0.000 sec)

```
MariaDB [movie]> create table movie_cast(act_id int,mov_id int,role varchar(20),foreign key(act_id)
references actor(act_id),foreign key(mov_id) references movie(mov_id));
```

Query OK, 0 rows affected (0.069 sec)

```
MariaDB [movie]> desc movie_cast;
```

	Field		Type		Null		Key		Default		Extra	
	act_id		int(11)		YES		MUL		NULL			
	mov_id		int(11)		YES		MUL		NULL			
	role		varchar(20)		YES				NULL			

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

3 rows in set (0.018 sec)

```
MariaDB [movie]> insert into movie_cast
value(1,1,"Pathaan"),(2,2,"Tanhaji"),(3,3,"Nisha"),(4,4,"Tara"),(5,5,"Jack"),(6,6,"Jasmine");
```

Query OK, 6 rows affected (0.005 sec)

Records: 6 Duplicates: 0 Warnings: 0

```
MariaDB [movie]> select * from movie_cast;
```

	act_id		mov_id		role	
	1		1		Pathaan	
	2		2		Tanhaji	

	3		3		Nisha	
	4		4		Tara	
	5		5		Jack	
	6		6		Jasmine	

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

6 rows in set (0.000 sec)

MariaDB [movie]> create table reviewer(rev\_id int primary key,rev\_name varchar(20) not null);

Query OK, 0 rows affected (0.045 sec)

MariaDB [movie]> desc reviewer;

```
+-----+-----+-----+-----+-----+-----+
| Field | Type      | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| rev_id | int(11)   | NO   | PRI | NULL    |      |
| rev_name | varchar(20) | NO   |     | NULL    |      |
+-----+-----+-----+-----+-----+-----+
```

2 rows in set (0.017 sec)

MariaDB [movie]> insert into reviewer value  
(10,"Nisarg\_Pethe"),(20,"Riya\_Sawant"),(30,"Jack\_Malvern"),(40,"Righty\_Sock"),(50,"Bikas\_Mishra"),  
(60,"Anupama\_Chopra");

Query OK, 6 rows affected (0.005 sec)

Records: 6 Duplicates: 0 Warnings: 0

MariaDB [movie]> select \* from reviewer;

```
+-----+-----+
| rev_id | rev_name |
+-----+-----+
| 10 | Nisarg_Pethe |
| 20 | Riya_Sawant |
| 30 | Jack_Malvern |
| 40 | Righty_Sock |
```

```
| 50 | Bikas_Mishra |
| 60 | Anupama_Chopra |
```

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

6 rows in set (0.000 sec)

```
MariaDB [movie]> create table rating(mov_id int,rev_id int,rev_stars int,num_o_ratings int,foreign
key(mov_id) references movie(mov_id),foreign key(rev_id) references reviewer(rev_id));
```

Query OK, 0 rows affected (0.055 sec)

```
MariaDB [movie]> desc rating;
```

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

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

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

```
| mov_id     | int(11) | YES  | MUL | NULL    |      |
```

```
| rev_id     | int(11) | YES  | MUL | NULL    |      |
```

```
| rev_stars  | int(11) | YES  |     | NULL    |      |
```

```
| num_o_ratings | int(11) | YES  |     | NULL    |      |
```

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

4 rows in set (0.018 sec)

```
MariaDB [movie]> insert into rating
```

```
value(1,10,8.40,263575),(2,20,7.90,20207),(3,30,8.30,202778),(4,40,8.20,484746),(5,50,8.60,779489
),(6,60,8.10,203875);
```

Query OK, 6 rows affected (0.005 sec)

Records: 6 Duplicates: 0 Warnings: 0

```
MariaDB [movie]> select * from rating;
```

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

```
| mov_id | rev_id | rev_stars | num_o_ratings |
```

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

```
| 1 | 10 | 8 | 263575 |
```

```
| 2 | 20 | 8 | 20207 |
```

	3		30		8		202778	
	4		40		8		484746	
	5		50		9		779489	
	6		60		8		203875	

```

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

```

6 rows in set (0.000 sec)

MariaDB [movie]> create table genres(gen\_id int primary key auto increment,gen\_title varchar(20) not null);

ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MariaDB server version for the right syntax to use near 'auto increment,gen\_title varchar(20) not null)' at line 1

MariaDB [movie]> create table genres(gen\_id int primary key auto\_increment, gen\_title varchar(20) not null);

Query OK, 0 rows affected (0.046 sec)

MariaDB [movie]> desc genres;

```

+-----+-----+-----+-----+-----+-----+
| Field  | Type    | Null | Key | Default | Extra      |
+-----+-----+-----+-----+-----+-----+
| gen_id | int(11) | NO   | PRI | NULL    | auto_increment |
| gen_title | varchar(20) | NO   |     | NULL    |              |
+-----+-----+-----+-----+-----+-----+

```

2 rows in set (0.021 sec)

MariaDB [movie]> insert into genres  
value(101,"Action"),(102,"Adventure"),(103,"Drama"),(104,"Mystery"),(105,"Drama"),(106,"Thriller")  
;

Query OK, 6 rows affected (0.009 sec)

Records: 6 Duplicates: 0 Warnings: 0

MariaDB [movie]> select \* from genres;

```

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

```

```
| gen_id | gen_title |
```

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

```
| 101 | Action |
```

```
| 102 | Adventure |
```

```
| 103 | Drama |
```

```
| 104 | Mystery |
```

```
| 105 | Drama |
```

```
| 106 | Thriller |
```

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

6 rows in set (0.000 sec)

```
MariaDB [movie]> create table movie_genres(mov_id int,gen_id int,foreign key(mov_id) references
movie(mov_id),foreign key(gen_id) references genres(gen_id));
```

Query OK, 0 rows affected (0.057 sec)

```
MariaDB [movie]> desc movie_genres;
```

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

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

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

```
| mov_id | int(11) | YES | MUL | NULL | |
```

```
| gen_id | int(11) | YES | MUL | NULL | |
```

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

2 rows in set (0.017 sec)

```
MariaDB [movie]> insert into movie_genres value(1,101),(2,102),(3,103),(4,104),(5,105),(6,106);
```

Query OK, 6 rows affected (0.005 sec)

Records: 6 Duplicates: 0 Warnings: 0

```
MariaDB [movie]> select * from movie_genres;
```

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

```
| mov_id | gen_id |
```



```

+-----+-----+
|  1 | 101 |
|  2 | 102 |
|  3 | 103 |
|  4 | 104 |
|  5 | 105 |
|  6 | 106 |
+-----+-----+

```

6 rows in set (0.000 sec)

MariaDB [movie]> create table director(dir\_id int primary key auto\_increment,dir\_fname varchar(20) not null,dir\_lname varchar(20));

Query OK, 0 rows affected (0.047 sec)

MariaDB [movie]> desc director;

```

+-----+-----+-----+-----+-----+-----+
| Field | Type | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| dir_id | int(11) | NO | PRI | NULL | auto_increment |
| dir_fname | varchar(20) | NO | | NULL | |
| dir_lname | varchar(20) | YES | | NULL | |
+-----+-----+-----+-----+-----+-----+

```

3 rows in set (0.020 sec)

MariaDB [movie]> insert into director value(201,"Siddharth","Anand"),(202,"Om","Raut"),(203,"Riteish","Deshmukh"),(204,"Akshay","Kumar"),(205,"James","Cameron"),(206,"Aditya","Dhar");

Query OK, 6 rows affected (0.004 sec)

Records: 6 Duplicates: 0 Warnings: 0

MariaDB [movie]> select \* from director;

```

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

```

```
| dir_id | dir_fname | dir_lname |
```

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

```
| 201 | Siddharth | Anand |
```

```
| 202 | Om | Raut |
```

```
| 203 | Riteish | Deshmukh |
```

```
| 204 | Akshay | Kumar |
```

```
| 205 | James | Cameron |
```

```
| 206 | Aditya | Dhar |
```

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

6 rows in set (0.000 sec)

```
MariaDB [movie]> create table movie_direction(dir_id int,mov_id int,foreign key(dir_id) references
director(dir_id),foreign key(mov_id) references movie(mov_id));
```

Query OK, 0 rows affected (0.054 sec)

```
MariaDB [movie]> desc movie_direction;
```

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

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

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

```
| dir_id | int(11) | YES | MUL | NULL | |
```

```
| mov_id | int(11) | YES | MUL | NULL | |
```

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

2 rows in set (0.018 sec)

```
MariaDB [movie]> insert into movie_direction value(201,1),(202,2),(203,3),(204,4),(205,5),(206,6);
```

Query OK, 6 rows affected (0.012 sec)

Records: 6 Duplicates: 0 Warnings: 0

```
MariaDB [movie]> select * from movie_direction;
```

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

```
| dir_id | mov_id |
```

+-----+-----+	
201	1
202	2
203	3
204	4
205	5
206	6
+-----+-----+	

6 rows in set (0.000 sec)