

```
CREATE TABLE familia (
    nombre varchar(11),
    apellido varchar(20) NOT NULL,
    sexo char(4) NOT NULL,
    fecha_de_nacimiento DATE NOT NULL,
    Telefono int (10) NOT NULL
)
;
```

```
MariaDB [arbol_generacional]> CREATE TABLE familia (
    -> nombre varchar(11),
    -> apellido varchar(20) NOT NULL,
    -> sexo char(4) NOT NULL,
    -> fecha_de_nacimiento DATE NOT NULL,
    -> Telefono int (10) NOT NULL
    -> )
    -> ;
Query OK, 0 rows affected (0.375 sec)
```

SHOW TABLES;

```
MariaDB [arbol_generacional]> show tables;
+-----+
| Tables_in_arbol_generacional |
+-----+
| familia                        |
+-----+
1 row in set (0.144 sec)
```

DESCRIBE familia;

```
MariaDB [arbol_generacional]> DESCRIBE familia;
+-----+-----+-----+-----+-----+-----+
| Field      | Type      | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| nombre     | varchar(20) | NO   |     | NULL    |       |
| apellido   | varchar(20) | NO   |     | NULL    |       |
| sexo       | char(1)     | NO   |     | NULL    |       |
| nacimiento | date       | NO   |     | NULL    |       |
| Telefono    | varchar(10) | NO   |     | NULL    |       |
+-----+-----+-----+-----+-----+-----+
5 rows in set (0.121 sec)
```

LOAD DATA LOCAL INFILE "familia.txt" INTO TABLE familia;

```
MariaDB [arbol_generacional]> LOAD DATA LOCAL INFILE "familia.txt" INTO TABLE familia;
Query OK, 9 rows affected, 9 warnings (0.249 sec)
Records: 9 Deleted: 0 Skipped: 0 Warnings: 9
```

INSERT INTO familia values ("nicolas","aramendiz ","m","2000-01-09",314857952);

```
MariaDB [arbol_generacional]> INSERT INTO familia values ("nicolas","aramendiz ","m","2000-01-09",314857952);
Query OK, 1 row affected (0.126 sec)
```

DELETE FROM familia;

```
MariaDB [arbol_generacional]> DELETE FROM familia;
Query OK, 10 rows affected (0.096 sec)
```

SELECT * FROM familia;

```
MariaDB [arbol_generacional]> SELECT * FROM familia;
Empty set (0.001 sec)
```

LOAD DATA LOCAL INFILE "familia.txt" INTO TABLE familia;

```
MariaDB [arbol_generacional]>
MariaDB [arbol_generacional]> LOAD DATA LOCAL INFILE "familia.txt" INTO TABLE familia;
Query OK, 9 rows affected, 9 warnings (0.256 sec)
Records: 9 Deleted: 0 Skipped: 0 Warnings: 9
```

UPDATE familia SET nacimiento="1942-11-15" WHERE nombre="Heliodra";

```
MariaDB [arbol_generacional]> UPDATE familia SET nacimiento="1942-11-15" WHERE nombre="Heliodra";
Query OK, 0 rows affected (0.001 sec)
Rows matched: 0 Changed: 0 Warnings: 0
```

SELECT * FROM familia WHERE nombre="heliodora";

```
MariaDB [arbol_generacional]> SELECT * FROM familia WHERE nombre="heliodora";
+-----+-----+-----+-----+-----+
| nombre | apellido | sexo | nacimiento | Telefono |
+-----+-----+-----+-----+-----+
| Heliodora | Cardozo | f | 1942-11-15 | 3214205789 |
+-----+-----+-----+-----+-----+
1 row in set (0.001 sec)
```

SELECT * FROM familia WHERE nacimiento >= "2000-01-09";

```
MariaDB [arbol_generacional]> SELECT * FROM familia WHERE nacimiento >= "2000-01-09";
+-----+-----+-----+-----+-----+
| nombre | apellido | sexo | nacimiento | Telefono |
+-----+-----+-----+-----+-----+
| nicolas | aramendiz | m | 2000-01-09 | 314857952 |
+-----+-----+-----+-----+-----+
1 row in set (0.029 sec)
```

SELECT * FROM familia WHERE nombre="Yesica" AND sexo="f";

```
MariaDB [arbol_generacional]> SELECT * FROM familia WHERE nombre="Yesica" AND sexo="f";
+-----+-----+-----+-----+-----+
| nombre | apellido | sexo | nacimiento | Telefono |
+-----+-----+-----+-----+-----+
| Yesica | Cabezas | f | 1992-12-16 | 3194578945 |
+-----+-----+-----+-----+-----+
1 row in set (0.001 sec)
```

SELECT * FROM familia WHERE sexo = "f" OR nombre = "fanny";

```
MariaDB [arbol_generacional]> SELECT * FROM familia WHERE sexo = "f" OR nombre = "fanny";
```

nombre	apellido	sexo	nacimiento	Telefono
Heliadora	Cardozo	f	1942-11-15	3214205789
Liliana	Diaz	f	1972-03-13	3014527896
Fanny	Diaz	f	1974-02-24	3213654820
Yesica	Cabezas	f	1992-12-16	3194578945

```
4 rows in set (0.002 sec)
```

SELECT nombre, nacimiento FROM familia;

```
MariaDB [arbol_generacional]> SELECT nombre, nacimiento FROM familia;
```

nombre	nacimiento
Heliadora	1942-11-15
Gustavo	1942-04-04
Augusto	1967-10-10
Leonel	1969-09-28
Liliana	1972-03-13
Fanny	1974-02-24
Adolfo	1992-02-18
Yesica	1992-12-16
Daniel	1993-10-23
nicolas	2000-01-09

```
10 rows in set (0.001 sec)
```

SELECT apellido FROM familia;

```
MariaDB [arbol_generacional]> SELECT apellido FROM familia;
```

apellido
Cardozo
Diaz
Diaz
Diaz
Diaz
Diaz
Diaz
Cabezas
Diaz
aramendiz

```
10 rows in set (0.001 sec)
```

SELECT DISTINCT telefono FROM familia;

```
MariaDB [arbol_generacional]> SELECT DISTINCT telefono FROM familia;
```

telefono
3214205789
3157826941
3004521482
3212548962
3014527896
3213654820
3145789314
3194578945
3157896301
314857952

```
10 rows in set (0.002 sec)
```

SELECT nombre, apellido, nacimiento FROM familia;

```
MariaDB [arbol_generacional]> SELECT nombre, apellido, nacimiento FROM familia;
```

nombre	apellido	nacimiento
Heliadora	Cardozo	1942-11-15
Gustavo	Diaz	1942-04-04
Augusto	Diaz	1967-10-10
Leonel	Diaz	1969-09-28
Liliana	Diaz	1972-03-13
Fanny	Diaz	1974-02-24
Adolfo	Diaz	1992-02-18
Yesica	Cabezas	1992-12-16
Daniel	Diaz	1993-10-23
nicolas	aramendiz	2000-01-09

```
10 rows in set (0.001 sec)
```

SELECT nombre, nacimiento FROM familia ORDER BY nacimiento;

```
MariaDB [arbol_generacional]> SELECT nombre, nacimiento FROM familia ORDER BY nacimiento;
```

nombre	nacimiento
Gustavo	1942-04-04
Heliadora	1942-11-15
Augusto	1967-10-10
Leonel	1969-09-28
Liliana	1972-03-13
Fanny	1974-02-24
Adolfo	1992-02-18
Yesica	1992-12-16
Daniel	1993-10-23
nicolas	2000-01-09

```
10 rows in set (0.028 sec)
```

SELECT nombre, nacimiento FROM familia ORDER BY nacimiento DESC;

```
MariaDB [arbol_generacional]> SELECT nombre, nacimiento FROM familia ORDER BY nacimiento DESC;
```

nombre	nacimiento
nicolas	2000-01-09
Daniel	1993-10-23
Yesica	1992-12-16
Adolfo	1992-02-18
Fanny	1974-02-24
Liliana	1972-03-13
Leonel	1969-09-28
Augusto	1967-10-10
Heliadora	1942-11-15
Gustavo	1942-04-04

```
10 rows in set (0.001 sec)
```

SELECT nombre, apellido, telefono FROM familia ORDER BY apellido, telefono DESC;

```
MariaDB [arbol_generacional]> SELECT nombre, apellido, telefono FROM familia ORDER BY apellido, telefono DESC;
```

nombre	apellido	telefono
nicolas	aramendiz	314857952
Yesica	Cabezas	3194578945
Heliadora	Cardozo	3214205789
Fanny	Diaz	3213654820
Leonel	Diaz	3212548962
Daniel	Diaz	3157896301
Gustavo	Diaz	3157826941
Adolfo	Diaz	3145789314
Liliana	Diaz	3014527896
Augusto	Diaz	3004521482

```
10 rows in set (0.002 sec)
```