

MariaDB [(none)]> use themepark;

Database changed

MariaDB [themepark]> SELECT * FROM THEMEPARK;

PARK_CODE	PARK_NAME	PARK_CITY	PARK_COUNTRY
FR1001	FairyLand	PARIS	FR
NL1202	Efling	NOORD	NL
SP4533	AdventurePort	BARCELONA	SP
SW2323	Labyrinthe	LAUSANNE	SW
UK2622	MiniLand	WINDSOR	UK
UK3452	PleasureLand	STOKE	UK
ZA1342	GoldTown	JOHANNESBURG	ZA

7 rows in set (0.01 sec)

MariaDB [themepark]> SELECT PARK_NAME, PARK_CITY FROM THEMEPARK;

PARK_NAME	PARK_CITY
FairyLand	PARIS
Efling	NOORD
AdventurePort	BARCELONA
Labyrinthe	LAUSANNE
MiniLand	WINDSOR
PleasureLand	STOKE
GoldTown	JOHANNESBURG

7 rows in set (0.00 sec)

MariaDB [themepark]> SELECT * FROM ATTRACTION;

ATTRACT_NO	ATTRACT_NAME	ATTRACT_AGE	ATTRACT_CAPACITY	PARK_CODE
10034	ThunderCoaster	11	34	FR1001
10056	SpinningTeacups	4	62	FR1001
10067	FlightToStars	11	24	FR1001
10078	Ant-Trap	23	30	FR1001
10082	NULL	10	40	ZA1342
10098	Carnival	3	120	FR1001
20056	3D-Lego_Show	3	200	UK3452
30011	BlackHole2	12	34	UK3452
30012	Pirates	10	42	UK3452
30044	UnderSeaWord	4	80	UK3452
98764	GoldRush	5	80	ZA1342

11 rows in set (0.01 sec)

MariaDB [themepark]> SELECT ATTRACT_NAME, ATTRACT_AGE FROM ATTRACTION WHERE PARK_CODE = 'FR1001';

-> ;

Empty set (0.00 sec)

MariaDB [themepark]> SELECT ATTRACT_NAME, ATTRACT_AGE FROM ATTRACTION WHERE PARK_CODE = 'FR1001';

ATTRACT_NAME	ATTRACT_AGE
ThunderCoaster	11

SpinningTeacups	4
FlightToStars	11
Ant-Trap	23
Carnival	3

5 rows in set (0.00 sec)

```
MariaDB [themepark]> SELECT ATTRACT_NAME, ATTRACT_AGE FROM ATTRACTION WHERE
PARK_CODE = 'FR1001' AND ATTRACT_AGE<10;
```

ATTRACT_NAME	ATTRACT_AGE
SpinningTeacups	4
Carnival	3

2 rows in set (0.00 sec)

```
MariaDB [themepark]> SELECT * FROM ATTRACTION;
```

ATTRACT_NO	ATTRACT_NAME	ATTRACT_AGE	ATTRACT_CAPACITY	PARK_CODE
10034	ThunderCoaster	11	34	FR1001
10056	SpinningTeacups	4	62	FR1001
10067	FlightToStars	11	24	FR1001
10078	Ant-Trap	23	30	FR1001
10082	NULL	10	40	ZA1342
10098	Carnival	3	120	FR1001
20056	3D-Lego_Show	3	200	UK3452
30011	BlackHole2	12	34	UK3452
30012	Pirates	10	42	UK3452
30044	UnderSeaWord	4	80	UK3452
98764	GoldRush	5	80	ZA1342

11 rows in set (0.00 sec)

```
MariaDB [themepark]> SELECT ATTRACT_NAME, ATTRACT_AGE FROM ATTRACTION WHERE
PARK_CODE = 'FR1001' AND PARK_CODE = 'UK3452' AND ATTRACT_AGE<10;
```

Empty set (0.00 sec)

```
MariaDB [themepark]> SELECT ATTRACT_NAME, ATTRACT_AGE FROM ATTRACTION WHERE
PARK_CODE = 'FR1001' OR PARK_CODE = 'UK3452' AND ATTRACT_AGE<10;
```

ATTRACT_NAME	ATTRACT_AGE
ThunderCoaster	11
SpinningTeacups	4
FlightToStars	11
Ant-Trap	23
Carnival	3
3D-Lego_Show	3
UnderSeaWord	4

7 rows in set (0.00 sec)

```
MariaDB [themepark]> SELECT ATTRACT_NAME, ATTRACT_AGE FROM ATTRACTION WHERE
(PARK_CODE = 'FR1001' OR PARK_CODE = 'UK3452') AND ATTRACT_AGE<10;
```

ATTRACT_NAME	ATTRACT_AGE
--------------	-------------

SpinningTeacups	4
Carnival	3
3D-Lego_Show	3
UnderSeaWord	4

4 rows in set (0.00 sec)

```
MariaDB [themepark]> SELECT ATTRACT_NAME, ATTRACT_AGE FROM ATTRACTION WHERE
PARK_CODE IN ('FR1001','UK3452') AND ATTRACT_AGE<10;
```

ATTRACT_NAME	ATTRACT_AGE
SpinningTeacups	4
Carnival	3
3D-Lego_Show	3
UnderSeaWord	4

4 rows in set (0.00 sec)

```
MariaDB [themepark]> SELECT ATTRACT_NAME, ATTRACT_AGE FROM ATTRACTION WHERE
PARK_CODE not IN ('FR1001','UK3452') AND ATTRACT_AGE<10;
```

ATTRACT_NAME	ATTRACT_AGE
GoldRush	5

1 row in set (0.00 sec)

```
MariaDB [themepark]> SELECT * FROM THEMEPARK;
```

PARK_CODE	PARK_NAME	PARK_CITY	PARK_COUNTRY
FR1001	FairyLand	PARIS	FR
NL1202	Efling	NOORD	NL
SP4533	AdventurePort	BARCELONA	SP
SW2323	Labyrinthe	LAUSANNE	SW
UK2622	MiniLand	WINDSOR	UK
UK3452	PleasureLand	STOKE	UK
ZA1342	GoldTown	JOHANNESBURG	ZA

7 rows in set (0.00 sec)

```
MariaDB [themepark]> SELECT * FROM THEMEPARK WHERE PARK_COUNTRY = 'UK';
-> ;
Empty set (0.00 sec)
```

```
MariaDB [themepark]> SELECT * FROM THEMEPARK WHERE PARK_COUNTRY = 'UK';
```

PARK_CODE	PARK_NAME	PARK_CITY	PARK_COUNTRY
UK2622	MiniLand	WINDSOR	UK
UK3452	PleasureLand	STOKE	UK

2 rows in set (0.00 sec)

```
MariaDB [themepark]> SELECT * FROM THEMEPARK WHERE PARK_COUNTRY != 'UK';
```

PARK_CODE	PARK_NAME	PARK_CITY	PARK_COUNTRY
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FR1001	FairyLand	PARIS	FR
NL1202	Efling	NOORD	NL
SP4533	AdventurePort	BARCELONA	SP
SW2323	Labyrinthe	LAUSANNE	SW
ZA1342	GoldTown	JOHANNESBURG	ZA

5 rows in set (0.00 sec)

MariaDB [themepark]> SELECT * FROM THEMEPARK WHERE PARK_COUNTRY <> 'UK';

PARK_CODE	PARK_NAME	PARK_CITY	PARK_COUNTRY
FR1001	FairyLand	PARIS	FR
NL1202	Efling	NOORD	NL
SP4533	AdventurePort	BARCELONA	SP
SW2323	Labyrinthe	LAUSANNE	SW
ZA1342	GoldTown	JOHANNESBURG	ZA

5 rows in set (0.00 sec)

MariaDB [themepark]> SELECT * FROM ATTRACTION;

ATTRACT_NO	ATTRACT_NAME	ATTRACT_AGE	ATTRACT_CAPACITY	PARK_CODE
10034	ThunderCoaster	11	34	FR1001
10056	SpinningTeacups	4	62	FR1001
10067	FlightToStars	11	24	FR1001
10078	Ant-Trap	23	30	FR1001
10082	NULL	10	40	ZA1342
10098	Carnival	3	120	FR1001
20056	3D-Lego_Show	3	200	UK3452
30011	BlackHole2	12	34	UK3452
30012	Pirates	10	42	UK3452
30044	UnderSeaWord	4	80	UK3452
98764	GoldRush	5	80	ZA1342

11 rows in set (0.00 sec)

MariaDB [themepark]> SELECT * FROM ATTRACTION WHERE ATTRACT_NAME IS NOT NULL;

ATTRACT_NO	ATTRACT_NAME	ATTRACT_AGE	ATTRACT_CAPACITY	PARK_CODE
10034	ThunderCoaster	11	34	FR1001
10056	SpinningTeacups	4	62	FR1001
10067	FlightToStars	11	24	FR1001
10078	Ant-Trap	23	30	FR1001
10098	Carnival	3	120	FR1001
20056	3D-Lego_Show	3	200	UK3452
30011	BlackHole2	12	34	UK3452
30012	Pirates	10	42	UK3452
30044	UnderSeaWord	4	80	UK3452
98764	GoldRush	5	80	ZA1342

10 rows in set (0.00 sec)

MariaDB [themepark]> SELECT * FROM ATTRACTION WHERE ATTRACT_NAME IS NULL;

ATTRACT_NO	ATTRACT_NAME	ATTRACT_AGE	ATTRACT_CAPACITY	PARK_CODE
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10082	NULL	10	40	ZA1342
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1 row in set (0.00 sec)

MariaDB [themepark]> SELECT * FROM ATTRACTION;

ATTRACT_NO	ATTRACT_NAME	ATTRACT_AGE	ATTRACT_CAPACITY	PARK_CODE
10034	ThunderCoaster	11	34	FR1001
10056	SpinningTeacups	4	62	FR1001
10067	FlightToStars	11	24	FR1001
10078	Ant-Trap	23	30	FR1001
10082	NULL	10	40	ZA1342
10098	Carnival	3	120	FR1001
20056	3D-Lego_Show	3	200	UK3452
30011	BlackHole2	12	34	UK3452
30012	Pirates	10	42	UK3452
30044	UnderSeaWord	4	80	UK3452
98764	GoldRush	5	80	ZA1342

11 rows in set (0.00 sec)

MariaDB [themepark]> SELECT * FROM ATTRACTION WHERE ATTRACT_AGE > 10 AND ATTRACT_AGE <20;

ATTRACT_NO	ATTRACT_NAME	ATTRACT_AGE	ATTRACT_CAPACITY	PARK_CODE
10034	ThunderCoaster	11	34	FR1001
10067	FlightToStars	11	24	FR1001
30011	BlackHole2	12	34	UK3452

3 rows in set (0.00 sec)

MariaDB [themepark]> SELECT * FROM ATTRACTION WHERE ATTRACT_AGE BETWEEN 10 AND 20;

ATTRACT_NO	ATTRACT_NAME	ATTRACT_AGE	ATTRACT_CAPACITY	PARK_CODE
10034	ThunderCoaster	11	34	FR1001
10067	FlightToStars	11	24	FR1001
10082	NULL	10	40	ZA1342
30011	BlackHole2	12	34	UK3452
30012	Pirates	10	42	UK3452

5 rows in set (0.00 sec)

MariaDB [themepark]> SELECT * FROM ATTRACTION WHERE ATTRACT_AGE NOT BETWEEN 10 AND 20;

ATTRACT_NO	ATTRACT_NAME	ATTRACT_AGE	ATTRACT_CAPACITY	PARK_CODE
10056	SpinningTeacups	4	62	FR1001
10078	Ant-Trap	23	30	FR1001
10098	Carnival	3	120	FR1001
20056	3D-Lego_Show	3	200	UK3452
30044	UnderSeaWord	4	80	UK3452
98764	GoldRush	5	80	ZA1342

6 rows in set (0.00 sec)

MariaDB [themepark]> SELECT * FROM ATTRACTION;

ATTRACT_NO	ATTRACT_NAME	ATTRACT_AGE	ATTRACT_CAPACITY	PARK_CODE
10034	ThunderCoaster	11	34	FR1001
10056	SpinningTeacups	4	62	FR1001
10067	FlightToStars	11	24	FR1001
10078	Ant-Trap	23	30	FR1001
10082	NULL	10	40	ZA1342
10098	Carnival	3	120	FR1001
20056	3D-Lego_Show	3	200	UK3452
30011	BlackHole2	12	34	UK3452
30012	Pirates	10	42	UK3452
30044	UnderSeaWord	4	80	UK3452
98764	GoldRush	5	80	ZA1342

11 rows in set (0.00 sec)

MariaDB [themepark]> SELECT DISTINCT PARK_CODE FROM ATTRACTION;

PARK_CODE
FR1001
UK3452
ZA1342

3 rows in set (0.00 sec)

MariaDB [themepark]> SELECT DISTINCT (PARK_CODE) FROM ATTRACTION;

PARK_CODE
FR1001
UK3452
ZA1342

3 rows in set (0.00 sec)

MariaDB [themepark]> SELECT DISTINCT(PARK_CODE), ATTRACT_NAME FROM ATTRACTION;

PARK_CODE	ATTRACT_NAME
FR1001	ThunderCoaster
FR1001	SpinningTeacups
FR1001	FlightToStars
FR1001	Ant-Trap
ZA1342	NULL
FR1001	Carnival
UK3452	3D-Lego_Show
UK3452	BlackHole2
UK3452	Pirates
UK3452	UnderSeaWord
ZA1342	GoldRush

11 rows in set (0.00 sec)

MariaDB [themepark]> SELECT * FROM ATTRACTION;

ATTRACT_NO	ATTRACT_NAME	ATTRACT_AGE	ATTRACT_CAPACITY	PARK_CODE
------------	--------------	-------------	------------------	-----------

10034	ThunderCoaster	11	34	FR1001
10056	SpinningTeacups	4	62	FR1001
10067	FlightToStars	11	24	FR1001
10078	Ant-Trap	23	30	FR1001
10082	NULL	10	40	ZA1342
10098	Carnival	3	120	FR1001
20056	3D-Lego_Show	3	200	UK3452
30011	BlackHole2	12	34	UK3452
30012	Pirates	10	42	UK3452
30044	UnderSeaWord	4	80	UK3452
98764	GoldRush	5	80	ZA1342

11 rows in set (0.00 sec)

MariaDB [themepark]> SELECT DISTINCT(PARK_CODE), ATTRACT_AGE FROM ATTRACTION;

PARK_CODE	ATTRACT_AGE
FR1001	11
FR1001	4
FR1001	23
ZA1342	10
FR1001	3
UK3452	3
UK3452	12
UK3452	10
UK3452	4
ZA1342	5

10 rows in set (0.00 sec)

MariaDB [themepark]> SELECT * FROM STUDENT;

RollNo	StName	FName	Gender	Contact
p19-6012	Arshad Arif	Arif Ali	M	123
p19-6013	Arshad Ali	Ali	M	124
p19-6014	Muhammad Arshad	Faizan Ali	M	125
p19-6015	Ahmad Ali	Ali	M	126
p19-6016	Ahmed Ali	Ali	M	127

5 rows in set (0.01 sec)

MariaDB [themepark]> SELECT * FROM STUDENT WHERE STNAME = 'Arshad';

Empty set (0.00 sec)

MariaDB [themepark]> SELECT * FROM STUDENT;

RollNo	StName	FName	Gender	Contact
p19-6012	Arshad Arif	Arif Ali	M	123
p19-6013	Arshad Ali	Ali	M	124
p19-6014	Muhammad Arshad	Faizan Ali	M	125
p19-6015	Ahmad Ali	Ali	M	126
p19-6016	Ahmed Ali	Ali	M	127

5 rows in set (0.00 sec)

MariaDB [themepark]> SELECT * FROM STUDENT WHERE STNAME LIKE 'Arshad%';

RollNo	StName	FName	Gender	Contact
p19-6012	Arshad Arif	Arif Ali	M	123
p19-6013	Arshad Ali	Ali	M	124

2 rows in set (0.00 sec)

MariaDB [themepark]> SELECT * FROM STUDENT WHERE STNAME LIKE '%Arshad';

RollNo	StName	FName	Gender	Contact
p19-6014	Muhammad Arshad	Faizan Ali	M	125

1 row in set (0.00 sec)

MariaDB [themepark]> INSERT INTO STUDENT VALUES('P19-6017','Muhammad Arshad Ali',
'Ali', 'M', 128);

Query OK, 1 row affected (0.01 sec)

MariaDB [themepark]> SELECT * FROM STUDENT;

RollNo	StName	FName	Gender	Contact
p19-6012	Arshad Arif	Arif Ali	M	123
p19-6013	Arshad Ali	Ali	M	124
p19-6014	Muhammad Arshad	Faizan Ali	M	125
p19-6015	Ahmad Ali	Ali	M	126
p19-6016	Ahmed Ali	Ali	M	127
P19-6017	Muhammad Arshad Ali	Ali	M	128

6 rows in set (0.00 sec)

MariaDB [themepark]> SELECT * FROM STUDENT WHERE STNAME LIKE '%Arshad';

RollNo	StName	FName	Gender	Contact
p19-6014	Muhammad Arshad	Faizan Ali	M	125

1 row in set (0.00 sec)

MariaDB [themepark]> SELECT * FROM STUDENT WHERE STNAME LIKE '%Arshad%';

RollNo	StName	FName	Gender	Contact
p19-6012	Arshad Arif	Arif Ali	M	123
p19-6013	Arshad Ali	Ali	M	124
p19-6014	Muhammad Arshad	Faizan Ali	M	125
P19-6017	Muhammad Arshad Ali	Ali	M	128

4 rows in set (0.00 sec)

MariaDB [themepark]> SELECT * FROM STUDENT;

RollNo	StName	FName	Gender	Contact
p19-6012	Arshad Arif	Arif Ali	M	123
p19-6013	Arshad Ali	Ali	M	124

p19-6014	Muhammad Arshad	Faizan Ali	M	125
p19-6015	Ahmad Ali	Ali	M	126
p19-6016	Ahmed Ali	Ali	M	127
P19-6017	Muhammad Arshad Ali	Ali	M	128

6 rows in set (0.00 sec)

```
MariaDB [themepark]> SELECT * FROM STUDENT WHERE STNAME LIKE 'Ahm_d Ali';
```

RollNo	StName	FName	Gender	Contact
p19-6015	Ahmad Ali	Ali	M	126
p19-6016	Ahmed Ali	Ali	M	127

2 rows in set (0.00 sec)

```
MariaDB [themepark]> SELECT * FROM STUDENT WHERE STNAME LIKE 'M%Arshad%';
```

RollNo	StName	FName	Gender	Contact
p19-6014	Muhammad Arshad	Faizan Ali	M	125
P19-6017	Muhammad Arshad Ali	Ali	M	128

2 rows in set (0.00 sec)

```
MariaDB [themepark]> SELECT * FROM STUDENT WHERE STNAME LIKE 'M%Arshad%A';
```

Empty set (0.00 sec)

```
MariaDB [themepark]> SELECT * FROM STUDENT WHERE STNAME LIKE 'M%Arshad%A%';
```

RollNo	StName	FName	Gender	Contact
P19-6017	Muhammad Arshad Ali	Ali	M	128

1 row in set (0.00 sec)

```
MariaDB [themepark]>
```