

Themepark

```
XAMPP for Windows - mysql -u root -p
Setting environment for using XAMPP for Windows.
ADMIN@DESKTOP-S30S3DU C:\xampp
# mysql -u root -p
Enter password:
Welcome to the MariaDB monitor.  Commands end with ; or \g.
Your MariaDB connection id is 11
Server version: 10.4.14-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)]> create database themepark;
Query OK, 1 row affected (0.006 sec)

MariaDB [(none)]> use themepark;
Database changed
MariaDB [themepark]> CREATE TABLE THEMEPARK (
  -> PARK_CODE VARCHAR(10) PRIMARY KEY,
  -> PARK_NAME VARCHAR(35) NOT NULL,
  -> PARK_CITY VARCHAR(50) NOT NULL,
  -> PARK_COUNTRY CHAR(2) NOT NULL);
Query OK, 0 rows affected (0.042 sec)

MariaDB [themepark]> INSERT INTO THEMEPARK VALUES ('FR1001','FairyLand','PARIS','FR');INSERT INTO THEMEPARK VALUES ('NL1202','Efling','NOORD','NL');INSERT INTO THEMEPARK VALUES ('SP4533','AdventurePort','BARCELONA','SP');INSERT INTO THEMEPARK VALUES ('SW2323','Labyrinthe','LAUSANNE','SW');INSERT INTO THEMEPARK VALUES ('UK2622','MiniLand','WINDSOR','UK');INSERT INTO THEMEPARK VALUES ('UK3452','PleasureLand','STOKE','UK');INSERT INTO THEMEPARK VALUES ('ZA1342','GoldTown','JOHANNESBURG','ZA');
Query OK, 1 row affected (0.010 sec)

Query OK, 1 row affected (0.003 sec)

Query OK, 1 row affected (0.002 sec)

Query OK, 1 row affected (0.002 sec)

Query OK, 1 row affected (0.002 sec)

Query OK, 1 row affected (0.002 sec)

Query OK, 1 row affected (0.002 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 (0.001 sec)
```

```
MariaDB [themepark]> DELETE FROM themepark WHERE PARK_CODE = 'SW2323';
Query OK, 1 row affected (0.011 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
UK2622	MiniLand	WINDSOR	UK
UK3452	PleasureLand	STOKE	UK
ZA1342	GoldTown	JOHANNESBURG	ZA

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

```
MariaDB [themepark]> DESCRIBE THEMEPARK;
```

Field	Type	Null	Key	Default	Extra
PARK_CODE	varchar(10)	NO	PRI	NULL	
PARK_NAME	varchar(35)	NO		NULL	
PARK_CITY	varchar(50)	NO		NULL	
PARK_COUNTRY	char(2)	NO		NULL	

```
4 rows in set (0.034 sec)
```

Employee

```
MariaDB [themepark]> CREATE TABLE EMPLOYEE (
-> EMP_NUM NUMERIC(4) PRIMARY KEY,
-> EMP_TITLE VARCHAR(4),
-> EMP_LNAME VARCHAR(15) NOT NULL,
-> EMP_FNAME VARCHAR(15) NOT NULL,
-> EMP_DOB DATE NOT NULL,
-> EMP_HIRE_DATE DATE,
-> EMP_AREA_CODE VARCHAR(4) NOT NULL,
-> EMP_PHONE VARCHAR(12) NOT NULL,
-> PARK_CODE VARCHAR(10),
-> INDEX (PARK_CODE),
-> CONSTRAINT FK_EMP_PARK FOREIGN KEY(PARK_CODE) REFERENCES
-> THEMEPARK(PARK_CODE));
Query OK, 0 rows affected (0.059 sec)

MariaDB [themepark]> INSERT INTO EMPLOYEE VALUES (100,'Ms','Calderdale','Emma','1972-06-15','1992-03-15','0181','324-9134','FR1001');INSERT INTO EMPLOYEE VALUES (101,'Ms','Ricardo','Marshel','1978-03-19','1996-04-25','0181','324-4472','UK3452');INSERT INTO EMPLOYEE VALUES (102,'Mr','Arshad','Arif','1969-11-14','1990-12-20','7253','675-8993','FR1001');INSERT INTO EMPLOYEE VALUES (103,'Ms','Roberts','Anne','1974-10-16','1994-08-16','0181','898-3456','UK3452');INSERT INTO EMPLOYEE VALUES (104,'Mr','Denver','Enrica','1980-11-08','2001-10-20','7253','504-4434','ZA1342');INSERT INTO EMPLOYEE VALUES (105,'Ms','Namowa','Mirrelle','1990-03-14','2006-11-08','0181','890-3243','FR1001');INSERT INTO EMPLOYEE VALUES (106,'Mrs','Smith','Gemma','1968-02-12','1989-01-05','0181','324-7845','ZA1342');
Query OK, 1 row affected (0.013 sec)

Query OK, 1 row affected (0.002 sec)

Query OK, 1 row affected (0.004 sec)

Query OK, 1 row affected (0.002 sec)

Query OK, 1 row affected (0.002 sec)

Query OK, 1 row affected (0.002 sec)

Query OK, 1 row affected (0.002 sec)
```

```
MariaDB [themepark]> CREATE INDEX EMP_LNAME_INDEX ON EMPLOYEE(EMP_LNAME(8));
Query OK, 0 rows affected (0.036 sec)
Records: 0 Duplicates: 0 Warnings: 0
```

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

EMP_NUM	EMP_TITLE	EMP_LNAME	EMP_FNAME	EMP_DOB	EMP_HIRE_DATE	EMP_AREA_CODE	EMP_PHONE	PARK_CODE
100	Ms	Calderdale	Emma	1972-06-15	1992-03-15	0181	324-9134	FR1001
101	Ms	Ricardo	Marshel	1978-03-19	1996-04-25	0181	324-4472	UK3452
102	Mr	Arshad	Arif	1969-11-14	1990-12-20	7253	675-8993	FR1001
103	Ms	Roberts	Anne	1974-10-16	1994-08-16	0181	898-3456	UK3452
104	Mr	Denver	Enrica	1980-11-08	2001-10-20	7253	504-4434	ZA1342
105	Ms	Namowa	Mirrelle	1990-03-14	2006-11-08	0181	890-3243	FR1001
106	Mrs	Smith	Gemma	1968-02-12	1989-01-05	0181	324-7845	ZA1342

7 rows in set (0.001 sec)

```
MariaDB [themepark]> SELECT EMP_NUM, EMP_LNAME, EMP_FNAME, EMP_HIRE_DATE  
-> FROM EMPLOYEE;
```

EMP_NUM	EMP_LNAME	EMP_FNAME	EMP_HIRE_DATE
100	Calderdale	Emma	1992-03-15
101	Ricardo	Marshel	1996-04-25
102	Arshad	Arif	1990-12-20
103	Roberts	Anne	1994-08-16
104	Denver	Enrica	2001-10-20
105	Namowa	Mirrelle	2006-11-08
106	Smith	Gemma	1989-01-05

7 rows in set (0.010 sec)

```
MariaDB [themepark]> DESCRIBE EMPLOYEE;
```

Field	Type	Null	Key	Default	Extra
EMP_NUM	decimal(4,0)	NO	PRI	NULL	
EMP_TITLE	varchar(4)	YES		NULL	
EMP_LNAME	varchar(15)	NO	MUL	NULL	
EMP_FNAME	varchar(15)	NO		NULL	
EMP_DOB	date	NO		NULL	
EMP_HIRE_DATE	date	YES		NULL	
EMP_AREA_CODE	varchar(4)	NO		NULL	
EMP_PHONE	varchar(12)	NO		NULL	
PARK_CODE	varchar(10)	YES	MUL	NULL	

9 rows in set (0.035 sec)

Ticket

```
MariaDB [themepark]> CREATE TABLE TICKET (
  -> TICKET_NO NUMERIC(10) PRIMARY KEY,
  -> TICKET_PRICE NUMERIC(4,2) DEFAULT 00.00 NOT NULL,
  -> TICKET_TYPE VARCHAR(10),
  -> PARK_CODE VARCHAR(10),
  -> INDEX (PARK_CODE),
  -> CONSTRAINT FK_TICKET_PARK FOREIGN KEY(PARK_CODE)
  -> REFERENCES THEMEPARK(PARK_CODE));
Query OK, 0 rows affected (0.048 sec)

MariaDB [themepark]> INSERT INTO TICKET VALUES (11001,24.99,'Adult','SP4533');INSERT INTO TICKET VALUES (11002,14.99,'Child','SP4533');INSERT INTO TICKET VALUES (11003,10.99,'Senior','SP4533');INSERT INTO TICKET VALUES (13001,18.99,'Child','FR1001');INSERT INTO TICKET VALUES (13002,34.99,'Adult','FR1001');INSERT INTO TICKET VALUES (13003,20.99,'Senior','FR1001');INSERT INTO TICKET VALUES (67832,18.56,'Child','ZA1342');INSERT INTO TICKET VALUES (67833,28.67,'Adult','ZA1342');INSERT INTO TICKET VALUES (67855,12.12,'Senior','ZA1342');INSERT INTO TICKET VALUES (88567,22.50,'Child','UK3452');INSERT INTO TICKET VALUES (88568,42.10,'Adult','UK3452');INSERT INTO TICKET VALUES (89720,10.99,'Senior','UK3452');
Query OK, 1 row affected (0.011 sec)

Query OK, 1 row affected (0.002 sec)

Query OK, 1 row affected (0.004 sec)

Query OK, 1 row affected (0.002 sec)

Query OK, 1 row affected (0.002 sec)

Query OK, 1 row affected (0.001 sec)

Query OK, 1 row affected (0.002 sec)

Query OK, 1 row affected (0.002 sec)

Query OK, 1 row affected (0.002 sec)

Query OK, 1 row affected (0.002 sec)

Query OK, 1 row affected (0.002 sec)

Query OK, 1 row affected (0.002 sec)

Query OK, 1 row affected (0.002 sec)
```

```
MariaDB [themepark]> SELECT * FROM TICKET;
+-----+-----+-----+-----+
| TICKET_NO | TICKET_PRICE | TICKET_TYPE | PARK_CODE |
+-----+-----+-----+-----+
| 11001 | 24.99 | Adult | SP4533 |
| 11002 | 14.99 | Child | SP4533 |
| 11003 | 10.99 | Senior | SP4533 |
| 13001 | 18.99 | Child | FR1001 |
| 13002 | 34.99 | Adult | FR1001 |
| 13003 | 20.99 | Senior | FR1001 |
| 67832 | 18.56 | Child | ZA1342 |
| 67833 | 28.67 | Adult | ZA1342 |
| 67855 | 12.12 | Senior | ZA1342 |
| 88567 | 22.50 | Child | UK3452 |
| 88568 | 42.10 | Adult | UK3452 |
| 89720 | 10.99 | Senior | UK3452 |
+-----+-----+-----+-----+
12 rows in set (0.000 sec)
```

```
MariaDB [themepark]> DESCRIBE TICKET;
+-----+-----+-----+-----+-----+-----+
| Field | Type | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| TICKET_NO | decimal(10,0) | NO | PRI | NULL | |
| TICKET_PRICE | decimal(4,2) | NO | | 0.00 | |
| TICKET_TYPE | varchar(10) | YES | | NULL | |
| PARK_CODE | varchar(10) | YES | MUL | NULL | |
+-----+-----+-----+-----+-----+-----+
4 rows in set (0.031 sec)
```

Attraction

```
MariaDB [themepark]> CREATE TABLE ATTRACTION (
  -> ATTRACT_NO NUMERIC(10) PRIMARY KEY,
  -> ATTRACT_NAME VARCHAR(35),
  -> ATTRACT_AGE NUMERIC(3) DEFAULT 0 NOT NULL,
  -> ATTRACT_CAPACITY NUMERIC(3) NOT NULL,
  -> PARK_CODE VARCHAR(10),
  -> INDEX (PARK_CODE),
  -> CONSTRAINT FK_ATTRACT_PARK FOREIGN KEY(PARK_CODE)
  -> REFERENCES THEMEPARK(PARK_CODE));
Query OK, 0 rows affected (0.046 sec)

MariaDB [themepark]> INSERT INTO ATTRACTION VALUES (10034,'ThunderCoaster',11,34,'FR1001');INSERT INTO ATTRACTION VALUES (10056,'SpinningTeacups',4,62,'FR1001');INSERT
INTO ATTRACTION VALUES (10067,'FlightToStars',11,24,'FR1001');INSERT INTO ATTRACTION VALUES (10078,'Ant-Trap',23,30,'FR1001');INSERT INTO ATTRACTION VALUES (10098,'Carn
ival',3,120,'FR1001');INSERT INTO ATTRACTION VALUES (20056,'3D-Lego_Show',3,200,'UK3452');INSERT INTO ATTRACTION VALUES (30011,'BlackHole2',12,34,'UK3452');INSERT INTO
ATTRACTION VALUES (30012,'Pirates',10,42,'UK3452');INSERT INTO ATTRACTION VALUES (30044,'UnderSeaWord',4,80,'UK3452');INSERT INTO ATTRACTION VALUES (98764,'GoldRush',5,
80,'ZA1342');
Query OK, 1 row affected (0.005 sec)

Query OK, 1 row affected (0.002 sec)

Query OK, 1 row affected (0.003 sec)

Query OK, 1 row affected (0.002 sec)

Query OK, 1 row affected (0.002 sec)

Query OK, 1 row affected (0.002 sec)

Query OK, 1 row affected (0.002 sec)

Query OK, 1 row affected (0.002 sec)

Query OK, 1 row affected (0.002 sec)

Query OK, 1 row affected (0.002 sec)

MariaDB [themepark]> INSERT INTO ATTRACTION VALUES (10082,NULL,10,40,'ZA1342');
Query OK, 1 row affected (0.011 sec)
```

```
MariaDB [themepark]> ALTER TABLE ATTRACTION
  -> MODIFY ATTRACT_CAPACITY NUMERIC(4);
Query OK, 11 rows affected (0.096 sec)
Records: 11 Duplicates: 0 Warnings: 0
```

```
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 (0.005 sec)
```

```
MariaDB [themepark]> SELECT ATTRACT_NO, ATTRACT_NAME, ATTRACT_CAPACITY
-> FROM ATTRACTION;
```

ATTRACT_NO	ATTRACT_NAME	ATTRACT_CAPACITY
10034	ThunderCoaster	34
10056	SpinningTeacups	62
10067	FlightToStars	24
10078	Ant-Trap	30
10082	NULL	40
10098	Carnival	120
20056	3D-Lego_Show	200
30011	BlackHole2	34
30012	Pirates	42
30044	UnderSeaWord	80
98764	GoldRush	80

11 rows in set (0.001 sec)

```
MariaDB [themepark]> UPDATE ATTRACTION
-> SET ATTRACT_CAPACITY = 34
-> WHERE ATTRACT_NO= 10034;
Query OK, 0 rows affected (0.002 sec)
Rows matched: 1 Changed: 0 Warnings: 0
```

```
MariaDB [themepark]> UPDATE ATTRACTION
-> SET ATTRACT_AGE = 14;
Query OK, 11 rows affected (0.005 sec)
Rows matched: 11 Changed: 11 Warnings: 0
```

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

ATTRACT_NO	ATTRACT_NAME	ATTRACT_AGE	ATTRACT_CAPACITY	PARK_CODE
10034	ThunderCoaster	14	34	FR1001
10056	SpinningTeacups	14	62	FR1001
10067	FlightToStars	14	24	FR1001
10078	Ant-Trap	14	30	FR1001
10082	NULL	14	40	ZA1342
10098	Carnival	14	120	FR1001
20056	3D-Lego_Show	14	200	UK3452
30011	BlackHole2	14	34	UK3452
30012	Pirates	14	42	UK3452
30044	UnderSeaWord	14	80	UK3452
98764	GoldRush	14	80	ZA1342

11 rows in set (0.000 sec)

```
MariaDB [themepark]> SET AUTOCOMMIT = 0;  
Query OK, 0 rows affected (0.000 sec)
```

```
MariaDB [themepark]> ROLLBACK;  
Query OK, 0 rows affected (0.000 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	14	42	UK3452
30044	UnderSeaWord	4	80	UK3452
98764	GoldRush	5	80	ZA1342

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


Hours

```
MariaDB [themepark]> CREATE TABLE HOURS (
  -> EMP_NUM NUMERIC(4),
  -> ATTRACT_NO NUMERIC(10),
  -> HOURS_PER_ATTRACT NUMERIC(2) NOT NULL,
  -> HOUR_RATE NUMERIC(4,2) NOT NULL,
  -> DATE_WORKED DATE NOT NULL,
  -> INDEX (EMP_NUM),
  -> INDEX (ATTRACT_NO),
  -> CONSTRAINT PK_HOURS PRIMARY KEY(EMP_NUM, ATTRACT_NO,
  -> DATE_WORKED),
  -> CONSTRAINT FK_HOURS_EMP FOREIGN KEY (EMP_NUM)
  -> REFERENCES EMPLOYEE(EMP_NUM),
  -> CONSTRAINT FK_HOURS_ATTRACT FOREIGN KEY (ATTRACT_NO)
  -> REFERENCES ATTRACTION(ATTRACT_NO));
Query OK, 0 rows affected, 1 warning (0.047 sec)

MariaDB [themepark]> INSERT INTO HOURS VALUES (100,10034,6,6.5,'2007-05-18');INSERT INTO HOURS VALUES (100,10034
,6,6.5,'2007-05-18');INSERT INTO HOURS VALUES (102,30012,3,5.99,'2007-05-23');INSERT INTO HOURS VALUES (102,30044,6,5.99,'2007-05-21');INSERT INTO HOURS VALUES (102,300
44,3,5.99,'2007-05-22');INSERT INTO HOURS VALUES (104,30011,6,7.2,'2007-05-21');INSERT INTO HOURS VALUES (104,30012,6,7.2,'2007-05-22');INSERT INTO HOURS VALUES (105,10
078,3,8.5,'2007-05-18');INSERT INTO HOURS VALUES (105,10098,3,8.5,'2007-05-18');INSERT INTO HOURS VALUES (105,10098,6,8.5,'2007-05-19');
Query OK, 1 row affected (0.014 sec)

Query OK, 1 row affected (0.002 sec)

Query OK, 1 row affected (0.002 sec)

Query OK, 1 row affected (0.002 sec)

Query OK, 1 row affected (0.002 sec)

Query OK, 1 row affected (0.002 sec)

Query OK, 1 row affected (0.002 sec)

Query OK, 1 row affected (0.002 sec)

Query OK, 1 row affected (0.002 sec)

Query OK, 1 row affected (0.002 sec)
```

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

EMP_NUM	ATTRACT_NO	HOURS_PER_ATTRACT	HOUR_RATE	DATE_WORKED
100	10034	6	6.50	2007-05-18
100	10034	6	6.50	2007-05-20
101	10034	6	6.50	2007-05-18
102	30012	3	5.99	2007-05-23
102	30044	6	5.99	2007-05-21
102	30044	3	5.99	2007-05-22
104	30011	6	7.20	2007-05-21
104	30012	6	7.20	2007-05-22
105	10078	3	8.50	2007-05-18
105	10098	3	8.50	2007-05-18
105	10098	6	8.50	2007-05-19

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

```
MariaDB [themepark]> DESCRIBE HOURS;
```

Field	Type	Null	Key	Default	Extra
EMP_NUM	decimal(4,0)	NO	PRI	NULL	
ATTRACT_NO	decimal(10,0)	NO	PRI	NULL	
HOURS_PER_ATTRACT	decimal(2,0)	NO		NULL	
HOUR_RATE	decimal(4,2)	NO		NULL	
DATE_WORKED	date	NO	PRI	NULL	

```
5 rows in set (0.034 sec)
```

Sales

```
MariaDB [themepark]> CREATE TABLE SALES (  
  -> TRANSACTION_NO NUMERIC PRIMARY KEY,  
  -> PARK_CODE VARCHAR(10),  
  -> SALE_DATE DATE NOT NULL,  
  -> INDEX (PARK_CODE),  
  -> CONSTRAINT FK_SALES_PARK FOREIGN KEY(PARK_CODE)  
  -> REFERENCES THEMEPARK(PARK_CODE));  
Query OK, 0 rows affected (0.051 sec)  
  
MariaDB [themepark]> INSERT INTO SALES VALUES (12781,'FR1001','2007-05-18');INSERT INTO SALES VALUES (12782,'FR1001','2007-05-18');INSERT INTO SALES VALUES (12783,'FR1001','2007-05-18');INSERT INTO SALES VALUES (12784,'FR1001','2007-05-18');INSERT INTO SALES VALUES (12785,'FR1001','2007-05-18');INSERT INTO SALES VALUES (12786,'FR1001','2007-05-18');INSERT INTO SALES VALUES (34534,'UK3452','2007-05-18');INSERT INTO SALES VALUES (34535,'UK3452','2007-05-18');INSERT INTO SALES VALUES (34536,'UK3452','2007-05-18');INSERT INTO SALES VALUES (34537,'UK3452','2007-05-18');INSERT INTO SALES VALUES (34538,'UK3452','2007-05-18');INSERT INTO SALES VALUES (34539,'UK3452','2007-05-18');INSERT INTO SALES VALUES (34540,'UK3452','2007-05-18');INSERT INTO SALES VALUES (34541,'UK3452','2007-05-18');INSERT INTO SALES VALUES (67589,'ZA1342','2007-05-18');INSERT INTO SALES VALUES (67590,'ZA1342','2007-05-18');INSERT INTO SALES VALUES (67591,'ZA1342','2007-05-18');INSERT INTO SALES VALUES (67592,'ZA1342','2007-05-18');INSERT INTO SALES VALUES (67593,'ZA1342','2007-05-18');  
Query OK, 1 row affected (0.014 sec)  
  
Query OK, 1 row affected (0.002 sec)  
  
Query OK, 1 row affected (0.002 sec)  
  
Query OK, 1 row affected (0.002 sec)  
  
Query OK, 1 row affected (0.002 sec)
```

```
MariaDB [themepark]> SELECT * FROM SALES;  
+-----+-----+-----+  
| TRANSACTION_NO | PARK_CODE | SALE_DATE |  
+-----+-----+-----+  
| 12781 | FR1001 | 2007-05-18 |  
| 12782 | FR1001 | 2007-05-18 |  
| 12783 | FR1001 | 2007-05-18 |  
| 12784 | FR1001 | 2007-05-18 |  
| 12785 | FR1001 | 2007-05-18 |  
| 12786 | FR1001 | 2007-05-18 |  
| 34534 | UK3452 | 2007-05-18 |  
| 34535 | UK3452 | 2007-05-18 |  
| 34536 | UK3452 | 2007-05-18 |  
| 34537 | UK3452 | 2007-05-18 |  
| 34538 | UK3452 | 2007-05-18 |  
| 34539 | UK3452 | 2007-05-18 |  
| 34540 | UK3452 | 2007-05-18 |  
| 34541 | UK3452 | 2007-05-18 |  
| 67589 | ZA1342 | 2007-05-18 |  
| 67590 | ZA1342 | 2007-05-18 |  
| 67591 | ZA1342 | 2007-05-18 |  
| 67592 | ZA1342 | 2007-05-18 |  
| 67593 | ZA1342 | 2007-05-18 |  
+-----+-----+-----+  
19 rows in set (0.001 sec)
```

```
MariaDB [themepark]> DESCRIBE SALES;  
+-----+-----+-----+-----+-----+-----+  
| Field | Type | Null | Key | Default | Extra |  
+-----+-----+-----+-----+-----+-----+  
| TRANSACTION_NO | decimal(10,0) | NO | PRI | NULL | |  
| PARK_CODE | varchar(10) | YES | MUL | NULL | |  
| SALE_DATE | date | NO | | NULL | |  
+-----+-----+-----+-----+-----+-----+  
3 rows in set (0.024 sec)
```

Sale_lines

```
MariaDB [themepark]> CREATE TABLE SALES_LINE (
  -> TRANSACTION_NO NUMERIC,
  -> LINE_NO NUMERIC(2,0) NOT NULL,
  -> TICKET_NO NUMERIC(10) NOT NULL,
  -> LINE_QTY NUMERIC(4) DEFAULT 0 NOT NULL,
  -> LINE_PRICE NUMERIC(9,2) DEFAULT 0.00 NOT NULL,
  -> INDEX (TRANSACTION_NO),
  -> INDEX (TICKET_NO),
  -> CONSTRAINT PK_SALES_LINE PRIMARY KEY
  -> (TRANSACTION_NO,LINE_NO),
  -> CONSTRAINT FK_SALES_LINE_SALES FOREIGN KEY
  -> (TRANSACTION_NO) REFERENCES SALES(TRANSACTION_NO) ON DELETE
  -> CASCADE,
  -> CONSTRAINT FK_SALES_LINE_TICKET FOREIGN KEY (TICKET_NO)
  -> REFERENCES TICKET(TICKET_NO));
Query OK, 0 rows affected, 1 warning (0.044 sec)

MariaDB [themepark]> INSERT INTO SALES_LINE VALUES (12781,1,13002,2,69.98);INSERT INTO SALES_LINE VALUES (12781,2,13001,1,14.99);INSERT INTO SALES_LINE VALUES (12782,1,13002,2,69.98);INSERT INTO SALES_LINE VALUES (12783,1,13003,2,41.98);INSERT INTO SALES_LINE VALUES (12784,2,13001,1,14.99);INSERT INTO SALES_LINE VALUES (12785,1,13001,1,14.99);INSERT INTO SALES_LINE VALUES (12785,2,13002,1,34.99);INSERT INTO SALES_LINE VALUES (12785,3,13002,4,139.96);INSERT INTO SALES_LINE VALUES (34534,1,88568,4,168.40);INSERT INTO SALES_LINE VALUES (34534,2,88567,1,22.50);INSERT INTO SALES_LINE VALUES (34534,3,89720,2,21.98);INSERT INTO SALES_LINE VALUES (34535,1,88568,2,84.20);INSERT INTO SALES_LINE VALUES (34536,1,88568,4,168.40);INSERT INTO SALES_LINE VALUES (34537,1,88568,2,84.20);INSERT INTO SALES_LINE VALUES (34537,2,88567,1,22.50);INSERT INTO SALES_LINE VALUES (34538,1,89720,2,21.98);INSERT INTO SALES_LINE VALUES (34539,1,89720,2,21.98);INSERT INTO SALES_LINE VALUES (34539,2,88568,2,84.20);INSERT INTO SALES_LINE VALUES (34540,1,88568,4,168.40);INSERT INTO SALES_LINE VALUES (34540,2,88567,1,22.50);INSERT INTO SALES_LINE VALUES (34540,3,89720,2,21.98);INSERT INTO SALES_LINE VALUES (34541,1,88568,2,84.20);INSERT INTO SALES_LINE VALUES (67589,1,67833,2,57.34);INSERT INTO SALES_LINE VALUES (67589,2,67832,2,37.12);INSERT INTO SALES_LINE VALUES (67590,1,67833,2,57.34);INSERT INTO SALES_LINE VALUES (67590,2,67832,2,37.12);INSERT INTO SALES_LINE VALUES (67591,1,67832,1,18.56);INSERT INTO SALES_LINE VALUES (67591,2,67855,1,12.12);INSERT INTO SALES_LINE VALUES (67592,1,67833,4,114.68);INSERT INTO SALES_LINE VALUES (67593,1,67833,2,57.34);INSERT INTO SALES_LINE VALUES (67593,2,67832,2,37.12);
Query OK, 1 row affected (0.014 sec)

Query OK, 1 row affected (0.002 sec)

Query OK, 1 row affected (0.002 sec)

Query OK, 1 row affected (0.002 sec)

Query OK, 1 row affected (0.002 sec)

Query OK, 1 row affected (0.002 sec)

Query OK, 1 row affected (0.002 sec)

Query OK, 1 row affected (0.002 sec)
```

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

TRANSACTION_NO	LINE_NO	TICKET_NO	LINE_QTY	LINE_PRICE
12781	1	13002	2	69.98
12781	2	13001	1	14.99
12782	1	13002	2	69.98
12783	1	13003	2	41.98
12784	2	13001	1	14.99
12785	1	13001	1	14.99
12785	2	13002	1	34.99
12785	3	13002	4	139.96
34534	1	88568	4	168.40
34534	2	88567	1	22.50
34534	3	89720	2	21.98
34535	1	88568	2	84.20
34536	1	89720	2	21.98
34537	1	88568	2	84.20
34537	2	88567	1	22.50
34538	1	89720	2	21.98
34539	1	89720	2	21.98
34539	2	88568	2	84.20
34540	1	88568	4	168.40
34540	2	88567	1	22.50
34540	3	89720	2	21.98
34541	1	88568	2	84.20
67589	1	67833	2	57.34
67589	2	67832	2	37.12
67590	1	67833	2	57.34
67590	2	67832	2	37.12
67591	1	67832	1	18.56
67591	2	67855	1	12.12
67592	1	67833	4	114.68
67593	1	67833	2	57.34
67593	2	67832	2	37.12

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

```
MariaDB [themepark]> DESCRIBE SALES_LINE;
```

Field	Type	Null	Key	Default	Extra
TRANSACTION_NO	decimal(10,0)	NO	PRI	NULL	
LINE_NO	decimal(2,0)	NO	PRI	NULL	
TICKET_NO	decimal(10,0)	NO	MUL	NULL	
LINE_QTY	decimal(4,0)	NO		0	
LINE_PRICE	decimal(9,2)	NO		0.00	

```
5 rows in set (0.037 sec)
```

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

Tables_in_themepark
attraction
employee
hours
sales
sales_line
themepark
ticket

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

```
MariaDB [themepark]> DROP TABLE SALES_LINE;  
Query OK, 0 rows affected (0.043 sec)
```

```
MariaDB [themepark]> show tables;
```

Tables_in_themepark
attraction
employee
hours
sales
themepark
ticket

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

Park_copy

```
MariaDB [themepark]> CREATE TABLE PARK_COPY (  
  -> PARK_CODE VARCHAR(10) PRIMARY KEY,  
  -> PARK_NAME VARCHAR(30) NOT NULL,  
  -> PARK_COUNTRY VARCHAR(30) NOT NULL,  
  -> PARK_AREA_CODE VARCHAR(4),  
  -> PARK_PHONE VARCHAR(12));  
Query OK, 0 rows affected (0.046 sec)  
  
MariaDB [themepark]> INSERT INTO PARK_COPY (PARK_CODE, PARK_NAME, PARK_COUNTRY)  
  SELECT PARK_CODE, PARK_NAME, PARK_COUNTRY FROM THEMEPARK;  
Query OK, 6 rows affected (0.017 sec)  
Records: 6  Duplicates: 0  Warnings: 0  
  
MariaDB [themepark]> SELECT * FROM PARK_COPY;  
+-----+-----+-----+-----+-----+  
| PARK_CODE | PARK_NAME | PARK_COUNTRY | PARK_AREA_CODE | PARK_PHONE |  
+-----+-----+-----+-----+-----+  
| FR1001 | FairyLand | FR | NULL | NULL |  
| NL1202 | Efling | NL | NULL | NULL |  
| SP4533 | AdventurePort | SP | NULL | NULL |  
| UK2622 | MiniLand | UK | NULL | NULL |  
| UK3452 | PleasureLand | UK | NULL | NULL |  
| ZA1342 | GoldTown | ZA | NULL | NULL |  
+-----+-----+-----+-----+-----+  
6 rows in set (0.001 sec)
```

```
MariaDB [themepark]> DELETE FROM PARK_COPY WHERE PARK_CODE = 'NL1202';
Query OK, 1 row affected (0.003 sec)
```

```
MariaDB [themepark]> DELETE FROM PARK_COPY WHERE PARK_CODE = 'SP4533';
                        DELETE FROM PARK_COPY WHERE PARK_CODE = 'UK2622';
Query OK, 1 row affected (0.011 sec)
```

```
Query OK, 1 row affected (0.002 sec)
```

```
MariaDB [themepark]> UPDATE PARK_COPY SET PARK_AREA_CODE = '5678',
                                           PARK_PHONE = '223-556'
                        WHERE PARK_CODE = 'FR1001';
Query OK, 1 row affected (0.010 sec)
Rows matched: 1  Changed: 1  Warnings: 0
```

```
MariaDB [themepark]> UPDATE PARK_COPY SET PARK_AREA_CODE = '0181',
                                           PARK_PHONE = '678-789'
                        WHERE PARK_CODE = 'UK3452';
UPDATE PARK_COPY SET PARK_AREA_CODE = '8789',
                    PARK_PHONE = '797-121'
                        WHERE PARK_CODE = 'ZA1342';
Query OK, 1 row affected (0.011 sec)
Rows matched: 1  Changed: 1  Warnings: 0
```

```
Query OK, 1 row affected (0.003 sec)
Rows matched: 1  Changed: 1  Warnings: 0
```

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

PARK_CODE	PARK_NAME	PARK_COUNTRY	PARK_AREA_CODE	PARK_PHONE
FR1001	FairyLand	FR	5678	223-556
UK3452	PleasureLand	UK	0181	678-789
ZA1342	GoldTown	ZA	8789	797-121

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

```

MariaDB [themepark]> INSERT INTO PARK_COPY VALUES ('','','','DE','');
                    INSERT INTO PARK_COPY VALUES ('AU1001','SkiWorld','AU','1212'
, '440-232');
                    INSERT INTO PARK_COPY VALUES ('GR501','RoboLand','GR','4565 '
, '123-123');
Query OK, 1 row affected (0.011 sec)

Query OK, 1 row affected (0.002 sec)

Query OK, 1 row affected, 1 warning (0.003 sec)

MariaDB [themepark]> SELECT * FROM PARK_COPY;
+-----+-----+-----+-----+-----+
| PARK_CODE | PARK_NAME | PARK_COUNTRY | PARK_AREA_CODE | PARK_PHONE |
+-----+-----+-----+-----+-----+
| AU1001 | SkiWorld | AU | DE | 1212 | 440-232 |
| FR1001 | FairyLand | FR | 5678 | 223-556 |
| GR501 | RoboLand | GR | 4565 | 123-123 |
| UK3452 | PleasureLand | UK | 0181 | 678-789 |
| ZA1342 | GoldTown | ZA | 8789 | 797-121 |
+-----+-----+-----+-----+-----+
6 rows in set (0.001 sec)

```

```

MariaDB [themepark]> DELETE FROM PARK_COPY WHERE PARK_NAME = 'RoboLand';
Query OK, 1 row affected (0.010 sec)

MariaDB [themepark]> SELECT * FROM PARK_COPY;
+-----+-----+-----+-----+-----+
| PARK_CODE | PARK_NAME | PARK_COUNTRY | PARK_AREA_CODE | PARK_PHONE |
+-----+-----+-----+-----+-----+
| AU1001 | SkiWorld | AU | DE | 1212 | 440-232 |
| FR1001 | FairyLand | FR | 5678 | 223-556 |
| UK3452 | PleasureLand | UK | 0181 | 678-789 |
| ZA1342 | GoldTown | ZA | 8789 | 797-121 |
+-----+-----+-----+-----+-----+
5 rows in set (0.000 sec)

```