

MariaDB [Challenge_db]> create table department(departmentID int,departmentName varchar(255))engine=InnoDB;
Query OK, 0 rows affected (0.06 sec)

MariaDB [Challenge_db]> create table station(stationID int,stationName varchar(255))engine=InnoDB;
Query OK, 0 rows affected (0.06 sec)

MariaDB [Challenge_db]> CREATE UNIQUE INDEX ind on department(departmentID);
Query OK, 0 rows affected (0.05 sec)
Records: 0 Duplicates: 0 Warnings: 0

MariaDB [Challenge_db]> CREATE UNIQUE INDEX ind2 on station(stationID);
Query OK, 0 rows affected (0.04 sec)
Records: 0 Duplicates: 0 Warnings: 0

MariaDB [Challenge_db]> create table user(userID int NOT NULL PRIMARY KEY,name varchar(255),tell varchar(255),age int,birthday date,departmentID int,stationID int,foreign key (depatmentID) references department(departmentID))engine=InnoDB;

MariaDB [Challenge_db]> create table user(userID int NOT NULL PRIMARY KEY,name varchar(255),tell varchar(255),age int,birthday date,departmentID int,stationID int,foreign key (departmentID) references department(departmentID))engine=InnoDB;
Query OK, 0 rows affected (0.07 sec)

MariaDB [Challenge_db]> alter table user add foreign key (stationID) references station(stationID);
Query OK, 0 rows affected (0.24 sec)
Records: 0 Duplicates: 0 Warnings: 0

MariaDB [Challenge_db]> insert into user(userID,name,tell,age,birthday,departmentID,stationID)value(1,'田中 実','012-345-6789',30,'1994-02-01',3,1);
ERROR 1452 (23000): Cannot add or update a child row: a foreign key constraint fails (`challenge_db`.`user`, CONSTRAINT `user_ibfk_1` FOREIGN KEY (`departmentID`) REFERENCES `department` (`departmentID`))
MariaDB [Challenge_db]> insert into department(departmentID,departmentName)value(1,開発部);
ERROR 1054 (42S22): Unknown column '開発部' in 'field list'

MariaDB [Challenge_db]> insert into department(departmentID,departmentName)value(1,'開発部');
Query OK, 1 row affected (0.01 sec)

MariaDB [Challenge_db]> insert into department(departmentID,departmentName)value(2,'営業部');
Query OK, 1 row affected (0.01 sec)

MariaDB [Challenge_db]> insert into department(departmentID,departmentName)value(3,'総務部');
Query OK, 1 row affected (0.01 sec)

MariaDB [Challenge_db]> insert into station(stationID,stationName)value(1,'九段下');
Query OK, 1 row affected (0.01 sec)

MariaDB [Challenge_db]> insert into station(stationID,stationName)value(2,'永田町');
Query OK, 1 row affected (0.00 sec)

MariaDB [Challenge_db]> insert into station(stationID,stationName)value(3,'渋谷');
Query OK, 1 row affected (0.01 sec)

MariaDB [Challenge_db]> insert into station(stationID,stationName)value(4,'神保町');
Query OK, 1 row affected (0.01 sec)

MariaDB [Challenge_db]> insert into station(stationID,stationName)value(5,'上井草');
Query OK, 1 row affected (0.00 sec)

MariaDB [Challenge_db]> insert into user(userID,name,tell,age,birthday,departmentID,stationID)value(1,'田中 実','012-345-6789',30,'1994-02-01',3,1);
Query OK, 1 row affected (0.01 sec)

MariaDB [Challenge_db]> insert into user(userID,name,tell,age,birthday,departmentID,stationID)value(2,'鈴木 茂','090-1122-3344',37,'1987-08-12',3,4);
Query OK, 1 row affected (0.00 sec)

MariaDB [Challenge_db]> insert into user(userID,name,tell,age,birthday,departmentID,stationID)value(3,'鈴木 実','080-5566-7788',24,'2000-12-24',2,5);
Query OK, 1 row affected (0.01 sec)

MariaDB [Challenge_db]> insert into user(userID,name,tell,age,birthday,departmentID,stationID)value(4,'佐藤 清','012-0987-6543',19,'2005-08-01',1,5);
Query OK, 1 row affected (0.00 sec)

MariaDB [Challenge_db]> insert into user(userID,name,tell,age,birthday,departmentID,stationID)value(5,'高橋 清','090-9900-1234',24,'2000-12-24',3,5);
Query OK, 1 row affected (0.01 sec)

Query OK, 1 row affected (0.00 sec)

MariaDB [Challenge_db]> insert into user(userID,name,tell,age,birthday,departmentID,stationID) value(5,'高橋 清','090-9900-1234',24,'2000-12-24',3,5);

Query OK, 1 row affected (0.01 sec)

MariaDB [Challenge_db]> select userID,name,tell,age,birthday,departmentID,stationID from user;

userID	name	tell	age	birthday	departmentID	stationID
1	田中 実	012-345-6789	30	1994-02-01	3	1
2	鈴木 茂	090-1122-3344	37	1987-08-12	3	4
3	鈴木 実	080-5566-7788	24	2000-12-24	2	5
4	佐藤 清	012-0987-6543	19	2005-08-01	1	5
5	高橋 清	090-9900-1234	24	2000-12-24	3	5

5 rows in set (0.00 sec)

MariaDB [Challenge_db]> select departmentID,departmentName from department;

departmentID	departmentName
1	開発部
2	営業部
3	総務部

3 rows in set (0.00 sec)

MariaDB [Challenge_db]> select stationID,stationName from station;

ERROR 1054 (42S22): Unknown column 'stationName' in 'field list'

MariaDB [Challenge_db]> select stationID,stationName from station;

stationID	stationName
1	九段下
2	永田町
3	渋谷
4	神保町
5	上井草

5 rows in set (0.00 sec)

MariaDB [Challenge_db]>