

```
references station(ID);
Query OK, 0 rows affected (0.02 sec)
Records: 0 Duplicates: 0 Warnings: 0
```

```
mysql> alter table user add foreign key(departmentID)
references department(ID);
Query OK, 0 rows affected (0.02 sec)
Records: 0 Duplicates: 0 Warnings: 0
```

```
mysql> insert into dapartment(ID,departmentName) value
(1,'開発部');
ERROR 1146 (42S02): Table 'challenge_db.dapartment'
doesn't exist
mysql> insert into department(ID,departmentName) value
(1,'開発部');
Query OK, 1 row affected (0.00 sec)
```

```
mysql> insert into department(ID,departmentName) value
(2,'営業部');
Query OK, 1 row affected (0.00 sec)
```

```
mysql> insert into department(ID,departmentName) value
(3,'総務部');
Query OK, 1 row affected (0.01 sec)
```

```
mysql> insert into station(ID,stationName) value(1,'九段下
');
Query OK, 1 row affected (0.00 sec)
```

```
mysql> insert into station(ID,stationName) value(2,'永田町
');
Query OK, 1 row affected (0.00 sec)
```

```
mysql> insert into station(ID,stationName) value(3,'渋谷');
```

```
mysql> insert into station(ID,
stationName) value(4,'神保町');
Query OK, 1 row affected (0.00 sec)
```

```
mysql> insert into station(ID,
stationName) value(5,'上井草');
Query OK, 1 row affected (0.00 sec)
value(5,'上井草');
ERROR 1064 (42000): You have an
error in your SQL syntax; check the
manual that corresponds to your
MySQL server version for the right
syntax to use near 'value(5,'上井草')' at
line 1
```

```
mysql> insert into user(ID,name,tell,
age,birthday,departmentID,stationID)
value(1,'田中実','012-345-6789',30,
'1994-02-01',3,1);
ERROR 1054 (42S22): Unknown
column 'age' in 'field list'
mysql> drop table user;
Query OK, 0 rows affected (0.00 sec)
```

```
mysql> create table user(ID int primary
key, name varchar(255), tell varchar
(255), age int, birthday date,
departmentID int, stationID int);
Query OK, 0 rows affected (0.01 sec)
```

```
mysql> alter table user add foreign key
(stationID) references station(ID);
Query OK, 0 rows affected (0.02 sec)
Records: 0 Duplicates: 0 Warnings: 0
```

```
mysql> alter table user add foreign key
(departmentID) references department
(ID);
Query OK, 0 rows affected (0.02 sec)
Records: 0 Duplicates: 0 Warnings: 0
```

```
mysql> insert into user(ID,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 (0.00 sec)
```

```
mysql> insert into user(ID,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 (0.01 sec)
```

```
mysql> insert into user(ID,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 (0.00 sec)
```

```
mysql> insert into user(ID,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)
```

```
mysql> insert into user(ID,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 (0.00 sec)
```

```
mysql> select * from user;
+---+-----+-----+-----+-----+-----+
+-----+
| ID | name   | tell      | age | birthday | departmentID |
stationID |
+---+-----+-----+-----+-----+-----+
+-----+
| 1 | 田中実 | 012-345-6789 | 30 | 1994-02-11 |      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)
```

```
mysql> select * from department;
+---+-----+
| ID | departmentName |
+---+-----+
+-----+
| 1 | 開発部         |
| 2 | 営業部         |
| 3 | 総務部         |
+---+-----+
3 rows in set (0.00 sec)
```

```
mysql> select * from station;
+---+-----+
+-----+
| ID | 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)
```

```
mysql> select * from user;
```

ID	name	tell	age	birthday	departmentID	stationID
1	田中実	012-345-6789	30	1994-02-11	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)
```

```
mysql> select * from department;
```

ID	departmentName
1	開発部
2	営業部
3	総務部

```
3 rows in set (0.00 sec)
```

```
mysql> select * from station;
```

ID	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)
```