



6. Pet ja owner

use mydb;

```
CREATE TABLE owner (first_name varchar(255),last_name varchar(255), address  
varchar(255), ownerID int PRIMARY KEY AUTO_INCREMENT);
```

desc owner;

Result Grid  Filter Rows: <input type="text" value="Search"/> Export: 						
	Field	Type	Null	Key	Default	Extra
▶	first_name	varchar(255)	YES		<small>NULL</small>	
▶	last_name	varchar(255)	YES		<small>NULL</small>	
▶	address	varchar(255)	YES		<small>NULL</small>	
▶	ownerID	int	NO	PRI	<small>NULL</small>	auto_increment



```
ALTER TABLE pet DROP COLUMN owner;
```

```
ALTER TABLE pet ADD COLUMN petID INT PRIMARY KEY AUTO_INCREMENT;
```

```
ALTER TABLE pet ADD COLUMN ownerID INT;
```

```
ALTER TABLE pet ADD CONSTRAINT FOREIGN KEY(ownerID) REFERENCES owner(ownerID);
```

desc pet;



Result Grid  Filter Rows: <input type="text" value="Search"/> Export: 						
	Field	Type	Null	Key	Default	Extra
▶	sex	char(1)	YES		<small>NULL</small>	
▶	birth	date	YES		<small>NULL</small>	
▶	death	date	YES		<small>NULL</small>	
▶	petID	int	NO	PRI	<small>NULL</small>	auto_increment
▶	ownerID	int	YES	MUL	<small>NULL</small>	

```
INSERT INTO owner VALUES ('Harold','Lloyd', ' Someaddress 1', NULL);
```

```
INSERT INTO owner VALUES ('Gwen','Stefani', ' Someaddress 2', NULL);
```

```
INSERT INTO owner VALUES ('Benny','Hill', ' Someaddress 3', NULL);
```

```
INSERT INTO owner VALUES ('Diane','Keaton', ' Someaddress 4', NULL);
```

Result Grid   Filter Rows: <input type="text" value="Search"/>				
	first_name	last_name	address	ownerID
▶	Harold	Lloyd	Someaddress 1	1
	Gwen	Stefani	Someaddress 2	2
	Benny	Hill	Someaddress 3	3
	Diane	Keaton	Someaddress 4	4
	NULL	NULL	NULL	NULL

```
UPDATE pet SET ownerID=1 WHERE name = 'Fluffy';
```

```
ATE pet SET ownerID=2 WHERE name = 'Claws';
```

```
UPDATE pet SET ownerID=3 WHERE name = 'Buffy';
```




```
UPDATE pet SET ownerID=4 WHERE name = 'Fang';
```

```
PDATE pet SET ownerID=3 WHERE name = 'Chirpy' OR name ='Whistler';
```

```
UPDATE pet SET ownerID=4 WHERE name = 'Slim';
```

```
UPDATE pet SET ownerID=2 WHERE name = 'Bowser';
```

```
SELECT * FROM pet;
```

Result Grid   Filter Rows: <input type="text" value="Search"/> Edit: 							
	name	species	sex	birth	death	petID	ownerID
▶	Fluffy	cat	f	1993-02-04	NULL	1	1
	Claws	cat	m	1994-03-17	NULL	2	2
	Buffy	dog	f	1989-05-13	NULL	3	3
	Fang	dog	m	1990-08-27	NULL	4	4
	Bowser	dog	m	1998-08-31	1995-07-29	5	2
	Chirpy	bird	f	1998-09-11	2000-09-15	6	3
	Whistler	bird	NULL	1997-12-09	NULL	7	3
	Slim	snake	m	1996-04-29	NULL	8	4
	NULL	NULL	NULL	NULL	NULL	NULL	NULL