Create owner table with ownerID as primary key

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

Alter pet table to have petID and ownerID

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

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

Insert data to owner table

```
mysql> INSERT INTO owner VALUES ( 'Harold','Lloyd','Someaddress 1',NULL);
Query OK, 1 row affected (0.01 sec)

mysql> INSERT INTO owner VALUES ( 'Gwen','Stefani','Someaddress 2',NULL);
Query OK, 1 row affected (0.00 sec)

mysql> INSERT INTO owner VALUES ( 'Benny','Hill','Someaddress 3',NULL);
Query OK, 1 row affected (0.00 sec)

mysql> INSERT INTO owner VALUES ( 'Diane','Keaton','Someaddress 4',NULL);
Query OK, 1 row affected (0.00 sec)
```

Delete duplicate data from pet and add a constraint that forces ownerID to exist to insert it

```
mysql> ALTER TABLE pet DROP COLUMN owner;
Query OK, 0 rows affected (0.02 sec)
Records: 0 Duplicates: 0 Warnings: 0

mysql> ALTER TABLE pet ADD CONSTRAINT FOREIGN KEY(ownerID) REFERENCES
   -> owner(ownerID)
   -> ;
Query OK, 8 rows affected (0.06 sec)
Records: 8 Duplicates: 0 Warnings: 0
```

Update pet table for them to have ownerID example

```
mysql> UPDATE pet SET ownerID=3 WHERE name='Chirpy' OR name='Whistler';
Query OK, 2 rows affected (0.00 sec)
Rows matched: 2 Changed: 2 Warnings: 0

mysql> UPDATE pet SET ownerID=4 WHERE name='Slim';
Query OK, 2 rows affected (0.00 sec)
Rows matched: 2 Changed: 2 Warnings: 0
```

Now you can join tables using ownerID example

Descriptions of both tables

Field	Туре	Null		Key	Def	Default		Extra	
name varchar(20) species varchar(20) sex char(1) birth date death date petID int ownerID int rows in set (0.00 sec)		YES YES YES YES YES NO YES		PRI MUL	NUI NUI NUI NUI NUI NUI NUI	.L .L .L .L	auto_increment		
Field Type		Nu		+- 11	Key	+ Default		Extra	
first_nam last_name address ownerID	varchar(2	varchar(255) varchar(255) varchar(255) int		S S S	PRI	NULL NULL NULL NULL		auto_increment	