

Создали свою базу данных

```
mysql> CREATE DATABASE Animals
-> ;
Query OK, 1 row affected (0,02 sec)
```

Создал таблицу «Друзья человека»

```
mysql> CREATE TABLE Human_Friends
-> (id INT PRIMARY KEY NOT NULL AUTO_INCREMENT,
->   title varchar(30)
-> );
Query OK, 0 rows affected (0,08 sec)
```

Создал таблицу «Домашние животные»

```
mysql> CREATE TABLE pets
-> (
->   id INT PRIMARY KEY NOT NULL AUTO_INCREMENT,
->   name VARCHAR(30),
->   title_id INT,
->   FOREIGN KEY(title_id) REFERENCES Human_Friends(id) ON DELETE CASCADE ON UPDATE CASCADE
-> );
Query OK, 0 rows affected (0,10 sec)
```

Создал таблицу «Вьючные животные»

```
mysql> CREATE TABLE pack_animals
-> (
->   id INT PRIMARY KEY NOT NULL AUTO_INCREMENT,
->   name VARCHAR(30),
->   title_id INT,
->   FOREIGN KEY(title_id) REFERENCES Human_Friends(id) ON DELETE CASCADE ON UPDATE CASCADE
-> );
Query OK, 0 rows affected (0,10 sec)
```

Проверка

```
mysql> INSERT INTO Human_Friends VALUES (1, "pets");
Query OK, 1 row affected (0,03 sec)

mysql> INSERT INTO Human_Friends VALUES (2, "pack_animals");
Query OK, 1 row affected (0,02 sec)

mysql> SELECT * FROM(Human_Friends);
+-----+
| id | title          |
+-----+
|  1 | pets           |
|  2 | pack_animals   |
+-----+
2 rows in set (0,00 sec)
```

Заполнил таблицы животными

```
mysql> INSERT INTO pets VALUES (1, "dogs", 1), (2, "cats", 1), (3, "hamsters", 1);
Query OK, 3 rows affected (0,02 sec)
Records: 3  Duplicates: 0  Warnings: 0

mysql> SELECT * FROM(pets);
+----+-----+-----+
| id | name  | title_id |
+----+-----+-----+
| 1  | dogs  | 1        |
| 2  | cats  | 1        |
| 3  | hamsters | 1        |
+----+-----+-----+
3 rows in set (0,01 sec)

mysql> INSERT INTO pack_animals VALUES (1, "horses", 2), (2, "camals", 2), (3, "donkeys", 2);
Query OK, 3 rows affected (0,02 sec)
Records: 3  Duplicates: 0  Warnings: 0

mysql> SELECT * FROM(pack_animals);
+----+-----+-----+
| id | name  | title_id |
+----+-----+-----+
| 1  | horses | 2        |
| 2  | camals | 2        |
| 3  | donkeys | 2        |
+----+-----+-----+
3 rows in set (0,00 sec)
```

Заполнил таблицы домашними животными

```
mysql> SELECT * FROM dogs
-> ;
+----+-----+-----+-----+-----+
| id | name  | birthDate | skill                                | pets_id |
+----+-----+-----+-----+-----+
| 1  | Sharik | 2021-05-16 | sidet lejat slujit                | 1        |
| 2  | Dick  | 2018-01-10 | sidet lejat slujit aport          | 1        |
| 3  | Dick  | 2015-10-10 | sidet slujit aport                | 1        |
+----+-----+-----+-----+-----+
3 rows in set (0,00 sec)

mysql> SELECT * FROM cats;
+----+-----+-----+-----+-----+
| id | name  | birthDate | skill    | pets_id |
+----+-----+-----+-----+-----+
| 1  | Senja | 2019-04-12 | spat est | 2        |
| 2  | Gav   | 2020-01-01 | spat est | 2        |
| 3  | Muska | 2016-11-30 | spat     | 2        |
+----+-----+-----+-----+-----+
3 rows in set (0,00 sec)

mysql> SELECT * FROM hamsters;
+----+-----+-----+-----+-----+
| id | name  | birthDate | skill      | pets_id |
+----+-----+-----+-----+-----+
| 1  | Misha | 2022-01-01 | spat begat | 3        |
| 2  | Masha | 2022-12-13 | spat begat | 3        |
| 3  | Borja | 2021-06-10 | pigat      | 3        |
+----+-----+-----+-----+-----+
3 rows in set (0,00 sec)
```

Заполнил таблицы выючными животными

```
mysql> SELECT * FROM horses;
+-----+-----+-----+-----+-----+
| id | name      | birthDate | skill      | pets_id |
+-----+-----+-----+-----+-----+
| 1 | Vihr      | 2021-03-10 | golop ris | 1 |
| 2 | Skuchniy  | 2021-03-10 | ris       | 1 |
| 3 | Dobrjak   | 2018-02-28 | ris       | 1 |
+-----+-----+-----+-----+-----+
3 rows in set (0,00 sec)

mysql> SELECT * FROM camals;
+-----+-----+-----+-----+-----+
| id | name      | birthDate | skill      | pets_id |
+-----+-----+-----+-----+-----+
| 1 | Tihohod   | 2017-05-10 | sidet idti | 2 |
| 2 | Koluchka  | 2017-06-25 | sidet lejat idti | 2 |
| 3 | Vasja     | 2014-07-10 | lejat      | 2 |
+-----+-----+-----+-----+-----+
3 rows in set (0,00 sec)

mysql> SELECT * FROM donkeys;
+-----+-----+-----+-----+-----+
| id | name      | birthDate | skill      | pets_id |
+-----+-----+-----+-----+-----+
| 1 | Ia        | 2023-03-08 | stojat tyanut | 3 |
| 2 | Loshadka  | 2018-04-25 | stojat sidet idti | 3 |
| 3 | Borja     | 2016-04-03 | stojat tyanut | 3 |
+-----+-----+-----+-----+-----+
3 rows in set (0,00 sec)
```

Удалил Верблюдов и объединил Ослов и Лошадей

```
mysql> SELECT * FROM pack_animals;
+-----+
| id | name   | title_id |
+-----+
| 1  | horses | 2        |
| 2  | camals | 2        |
| 3  | donkeys| 2        |
+-----+
3 rows in set (0,00 sec)

mysql> DELETE FROM pack_animals WHERE name = camals;
ERROR 1054 (42S22): Unknown column 'camals' in 'where clause'
mysql> DELETE FROM pack_animals WHERE name = 'camals';
Query OK, 1 row affected (0,03 sec)

mysql> SELECT * FROM pack_animals;
+-----+
| id | name   | title_id |
+-----+
| 1  | horses | 2        |
| 3  | donkeys| 2        |
+-----+
2 rows in set (0,00 sec)

mysql> CREATE TABLE HorsesAndDonkeys AS
-> SELECT name, birthDate, skill, pets_id FROM horses
-> UNION
-> SELECT name, birthDate, skill, pets_id FROM donkeys;
Query OK, 6 rows affected (0,11 sec)
Records: 6  Duplicates: 0  Warnings: 0

mysql> SELECT * FROM animals;
ERROR 1146 (42S02): Table 'Animals.animals' doesn't exist
mysql> SHOW TABLES;
+-----+
| Tables_in_Animals |
+-----+
| HorsesAndDonkeys   |
| Human_Friends      |
| camals             |
| cats               |
| dogs               |
| donkeys            |
| hamsters           |
| horses             |
| pack_animals       |
| pets               |
+-----+
```

Отсортировал по возрасту и объединил питомцев.

(Прошу прощения за не особо удобное чтение...)

```
mysql> CREATE TABLE Young_Animals AS SELECT name, birthDate, skill, TIMESTAMPDIFF(MONTH, birthDate, CURRENT_DATE()) as age FROM cats WHERE TIMESTAMPDIFF(MONTH, birthDate, CURRENT_DATE()) > 12 AND TIMESTAM
PDIFF(MONTH, birthDate, CURRENT_DATE()) < 36 UNION All SELECT name, birthDate, skill, TIMESTAMPDIFF(MONTH, birthDate, CURRENT_DATE()) as age FROM dogs WHERE TIMESTAMPDIFF(MONTH, birthDate, CURRENT_DATE())
> 12 AND TIMESTAMPDIFF(MONTH, birthDate, CURRENT_DATE()) < 36 UNION All SELECT name, birthDate, skill, TIMESTAMPDIFF(MONTH, birthDate, CURRENT_DATE()) as age FROM HorsesAndDonkeys WHERE TIMESTAMPDIFF(MONT
H, birthDate, CURRENT_DATE()) > 12 AND TIMESTAMPDIFF(MONTH, birthDate, CURRENT_DATE()) < 36 UNION All SELECT name, birthDate, skill, TIMESTAMPDIFF(MONTH, birthDate, CURRENT_DATE()) as age FROM hamsters W
ERE TIMESTAMPDIFF(MONTH, birthDate, CURRENT_DATE()) > 12 AND TIMESTAMPDIFF(MONTH, birthDate, CURRENT_DATE()) < 36;
Query OK, 5 rows affected (0.14 sec)
Records: 5  Duplicates: 0  Warnings: 0

mysql> SELECT * FROM Young_Animals;
+-----+-----+-----+-----+
| name   | birthDate | skill                | age |
+-----+-----+-----+-----+
| Sharik | 2021-05-16 | sidet lejat slujit   | 31  |
| Vihr   | 2021-03-10 | golop ris            | 33  |
| Skuchniy | 2021-03-10 | ris                  | 33  |
| Misha  | 2022-01-01 | spat begat           | 24  |
| Borja  | 2021-06-10 | pigat                | 30  |
+-----+-----+-----+-----+
5 rows in set (0.00 sec)
```

Объединить все таблицы не смог...