

1.

```
jul@jul-VirtualBox:~$ cat > Домашние_животные
Собаки
Кошки
Хомяки
jul@jul-VirtualBox:~$ cat > Вьючные_животные
Лошади
Верблюды
Ослы
jul@jul-VirtualBox:~$ cat Домашние_животные Вьючные_животные > Животные
jul@jul-VirtualBox:~$ cat Животные
Собаки
Кошки
Хомяки
Лошади
Верблюды
Ослы
jul@jul-VirtualBox:~$ mv Животные Друзья_человека
jul@jul-VirtualBox:~$ cat Друзья_человека
Собаки
Кошки
Хомяки
Лошади
Верблюды
Ослы
```

2.

```
jul@jul-VirtualBox:~$ mkdir Животные
jul@jul-VirtualBox:~$ mv Друзья_человека Животные/
jul@jul-VirtualBox:~$ ls Животные
Друзья_человека
```

3.

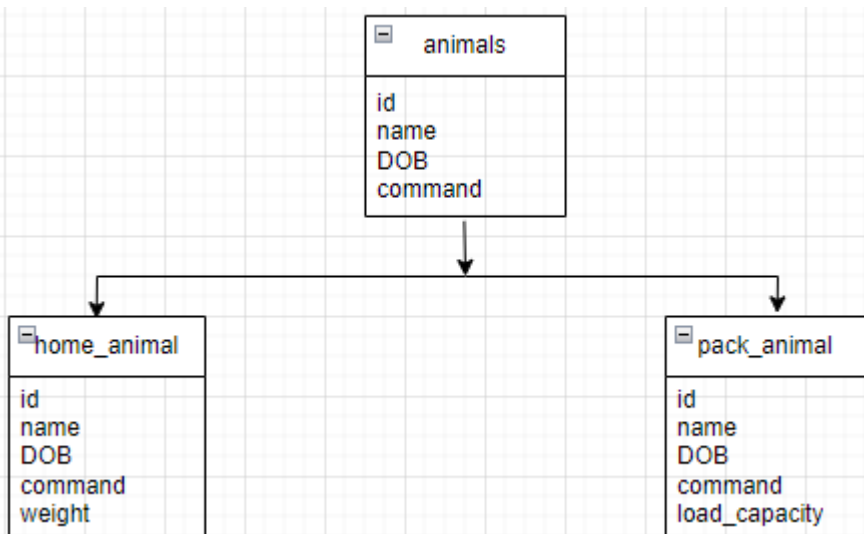
```
sudo nano /etc/apt/sources.list.d/*.list
deb http://repo.mysql.com/apt/ubuntu/ bionic mysql-8.0
sudo apt install mysql-server
```

4.

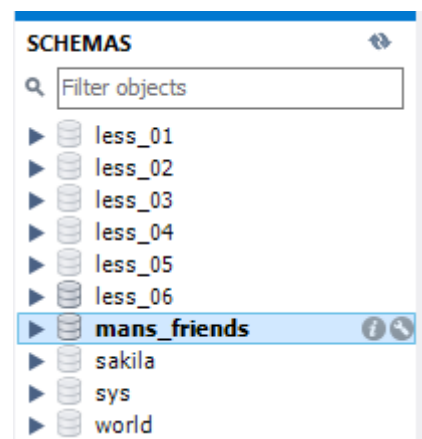
```
sudo dpkg -i virtualbox-7.0_7.0.6-155176~Ubuntu~jammy_amd64.deb
sudo dpkg -r virtualbox-7.0
```

5. Сделано

6.



7.



8.

1 уровень

```

1  CREATE TABLE `mans_friends`.`animals` (
2      `id` INT NOT NULL,
3      `name` VARCHAR(45) NULL,
4      `DOB` DATE NULL,
5      `command` VARCHAR(45) NULL,
6      PRIMARY KEY (`id`));

```

2 уровень

```

1  CREATE TABLE `mans_friends`.`home_animals` (
2      `id` INT NOT NULL,
3      `name` VARCHAR(45) NULL,
4      `DOB` INT NULL,
5      `command` VARCHAR(45) NULL,
6      `weight` INT NULL,
7      PRIMARY KEY (`id`));

```

```

1  CREATE TABLE `mans_friends`.`pack_animals` (
2      `id` INT NOT NULL,
3      `name` VARCHAR(45) NULL,
4      `DOB` DATE NULL,
5      `command` VARCHAR(45) NULL,
6      `load_capacity` INT NULL,
7      PRIMARY KEY (`id`));

```

9.

| | id | name | DOB | command | weight |
|----|------|---------|------------|-----------|--------|
| | 1 | cat | 14.09.2022 | мяукать | 2100 |
| | 2 | cat | 20.07.2020 | сидеть | 4400 |
| | 3 | hamster | 20.03.2021 | толстеть | 200 |
| | 4 | dog | 05.05.2015 | дать лапу | 8500 |
| | 5 | dog | 09.02.2021 | голос | 3300 |
| ▶* | NULL | NULL | NULL | NULL | |

| | id | name | DOB | command | load_capacity |
|------|------|--------|------------|---------|---------------|
| | 1 | horse | 10.03.2023 | скакать | 300 |
| | 2 | camel | 04.02.2021 | везти | 700 |
| | 3 | horse | 01.06.2022 | голоп | 400 |
| | 4 | donkey | 09.12.2020 | ослить | 900 |
| | 5 | donkey | 09.12.2020 | голоп | 950 |
| | 6 | horse | 08.10.2019 | скакать | 450 |
| .../ | 7 | camel | 09.12.2020 | везти | 1100 |
| * | NULL | NULL | NULL | NULL | NULL |

10.

```

1  USE mans_friends;
2
3  • DELETE FROM pack_animals
4  WHERE name='camel' AND id > 0;
5
6  • SELECT * FROM pack_animals;

```

| Result Grid | | | | | |
|-----------------------------------|------|--------|------------|---------|---------------|
| Filter Rows: <input type="text"/> | | | | | |
| Edit: | | | | | |
| | id | name | DOB | command | load_capacity |
| ▶ | 1 | horse | 2010-03-20 | скакать | 300 |
| | 3 | horse | 2001-06-20 | голоп | 400 |
| | 4 | donkey | 2009-12-20 | ослить | 900 |
| | 5 | donkey | 2009-12-20 | голоп | 950 |
| | 6 | horse | 2008-10-20 | скакать | 450 |
| * | NULL | NULL | NULL | NULL | NULL |

11.

```

1  USE mans_friends;
2
3  • SELECT id, name, DOB, command,
4  FLOOR((TIMESTAMPDIFF(MONTH, home_animals.DOB, CURRENT_DATE()) / 12)) AS years,
5  (TIMESTAMPDIFF(MONTH, home_animals.DOB, CURRENT_DATE()) % 12) AS months
6  FROM home_animals
7  WHERE TIMESTAMPDIFF(MONTH, home_animals.DOB, CURRENT_DATE()) > 12 AND TIMESTAMPDIFF(MONTH, home_animals.DOB, CURRENT_DATE()) < 36
8
9  UNION
10
11 SELECT id, name, DOB, command,
12 FLOOR((TIMESTAMPDIFF(MONTH, pack_animals.DOB, CURRENT_DATE()) / 12)) AS years,
13 (TIMESTAMPDIFF(MONTH, pack_animals.DOB, CURRENT_DATE()) % 12) AS months
14 FROM pack_animals
15 WHERE TIMESTAMPDIFF(MONTH, pack_animals.DOB, CURRENT_DATE()) > 12 AND TIMESTAMPDIFF(MONTH, pack_animals.DOB, CURRENT_DATE()) < 36;

```

| Result Grid | | | | | |
|--|----|---------|------------|----------|--------------|
| Filter Rows: <input type="text"/> | | | | | |
| Export: Wrap Cell Content: <input type="checkbox"/> | | | | | |
| | id | name | DOB | command | years months |
| | 2 | cat | 2020-07-20 | сидеть | 2 11 |
| | 3 | hamster | 2021-03-20 | толстеть | 2 3 |
| | 5 | dog | 2021-02-09 | голос | 2 5 |
| | 5 | donkey | 2021-12-14 | голоп | 1 7 |

12.

```

1 • USE mans_friends;
2
3 • SELECT id, name, DOB, command, null AS load_capacity, weight
4 FROM home_animals
5
6 UNION
7
8 SELECT id, name, DOB, command, load_capacity, null
9 FROM pack_animals;

```

result Grid   Filter Rows: Export:  Wrap Cell Content: 

| id | name | DOB | command | load_capacity | weight |
|----|---------|------------|-----------|---------------|--------|
| 1 | cat | 2022-09-14 | мяукать | NULL | 2100 |
| 2 | cat | 2020-07-20 | сидеть | NULL | 4400 |
| 3 | hamster | 2021-03-20 | толстеть | NULL | 200 |
| 4 | dog | 2015-05-05 | дать лапу | NULL | 8500 |
| 5 | dog | 2021-02-09 | голос | NULL | 3300 |
| 1 | horse | 2020-03-13 | скакать | 300 | NULL |
| 3 | horse | 2009-06-26 | голоп | 400 | NULL |
| 4 | donkey | 2023-03-01 | ослить | 900 | NULL |
| 5 | donkey | 2021-12-14 | голоп | 950 | NULL |
| 6 | horse | 2018-10-21 | скакать | 450 | NULL |