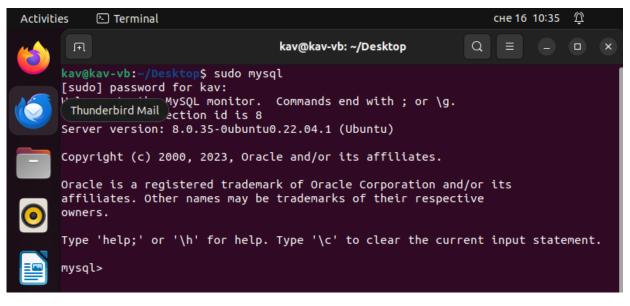
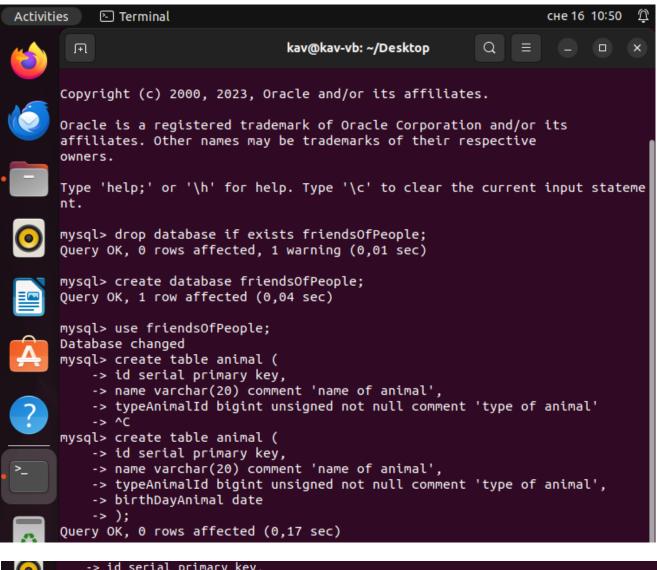
-- 7.2 В ранее подключенном MySQL создать базу данных с названием "FriendsOfPeople":

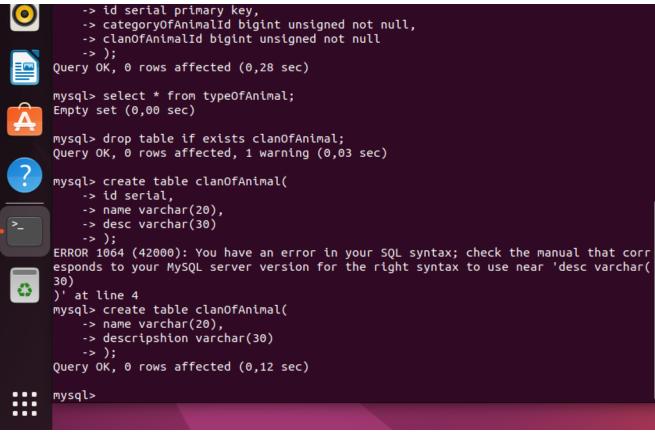


```
mysql> create database friendsOfPeople;
Query OK, 1 row affected (0,04 sec)

mysql> use friendsOfPeople;
Database changed
mysql> create table animal (
-> id serial primary key,
-> name varchar(20) comment 'name of animal',
-> typeAnimalId bigint unsigned not null comment 'type of animal'
```

-- 7.2.1 Создать таблицы, соответствующие иерархии из вашей диаграммы классов:





```
mysql> create table clanOfAnimal(
    -> name varchar(20),
    -> descripshion varchar(30)
    -> );
Query OK, 0 rows affected (0,12 sec)

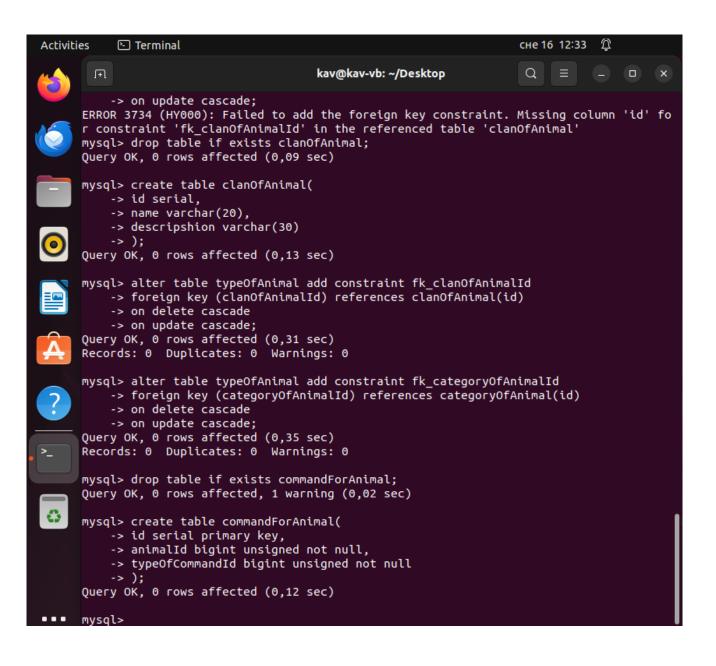
mysql> drop table if exists categoryOfAnimal;
Query OK, 0 rows affected, 1 warning (0,03 sec)

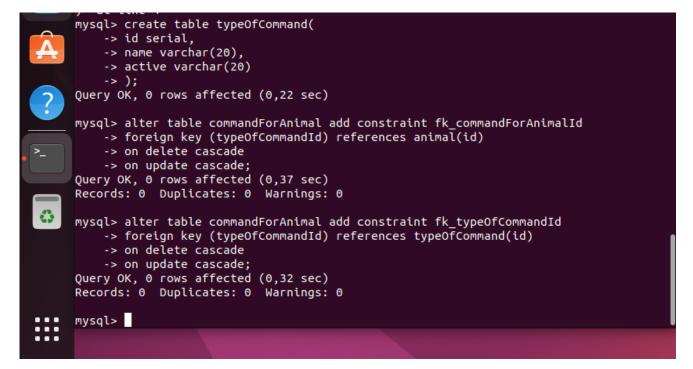
mysql> create table categoryOfAnimal(
    -> id serial,
    -> name varchar(20)
    -> );
Query OK, 0 rows affected (0,16 sec)
```

```
mysql> alter table animal add constraint fk_typeAnimalId
-> foreign key (typeAnimalId) references typeOfAnimal(id)
-> on delete cascade
-> on update cascade;
Query OK, 0 rows affected (0,36 sec)
Records: 0 Duplicates: 0 Warnings: 0

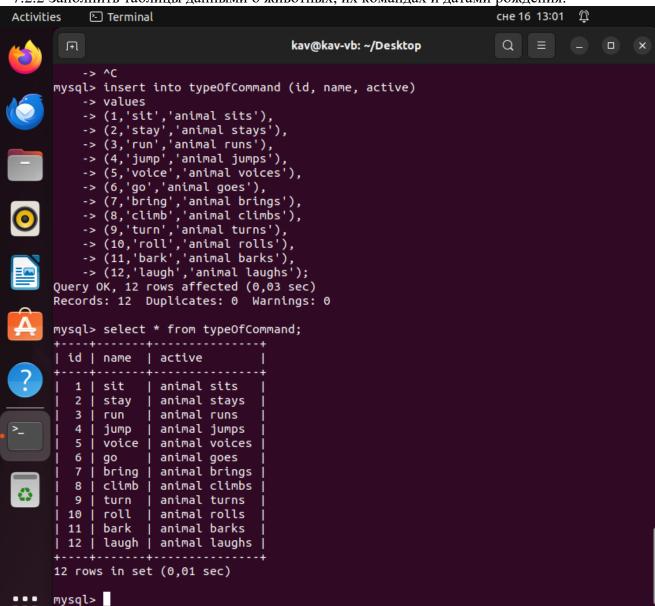
mysql>
```

```
mysql> alter table animal add constraint fk_typeAnimalId
         -> foreign key (typeAnimalId) references typeOfAnimal(id)
          -> on delete cascade
          -> on update cascade;
     Query OK, 0 rows affected (0,36 sec)
     Records: 0 Duplicates: 0 Warnings: 0
     mysql> alter table typeOfAnimal add constraint fk_clanOfAnimalId
         -> foreign key (clanOfAnimalId) references clanOfAnimal(id)
          -> on delete cascade
          -> on update cascade;
     ERROR 3734 (HY000): Failed to add the foreign key constraint. Missing column 'id' fo
     r constraint 'fk_clanOfAnimalId' in the referenced table 'clanOfAnimal'
     mysql> drop table if exists clanOfAnimal;
     Query OK, 0 rows affected (0,09 sec)
0
     mysql> create table clanOfAnimal(
         -> id serial,
          -> name varchar(20),
          -> descripshion varchar(30)
         -> );
     Query OK, 0 rows affected (0,13 sec)
••• mysql>
```





-- 7.2.2 Заполнить таблицы данными о животных, их командах и датами рождения:



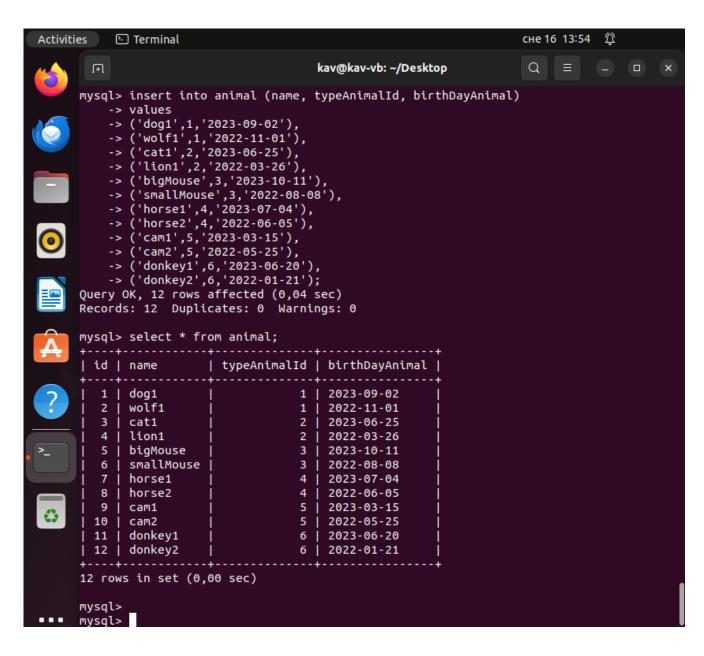
```
mysql> insert into categoryOfAnimal (id, name)
    -> values
    -> (1,'pet'),
    -> (2,'sumpter');
Query OK, 2 rows affected (0,04 sec)
Records: 2 Duplicates: 0 Warnings: 0

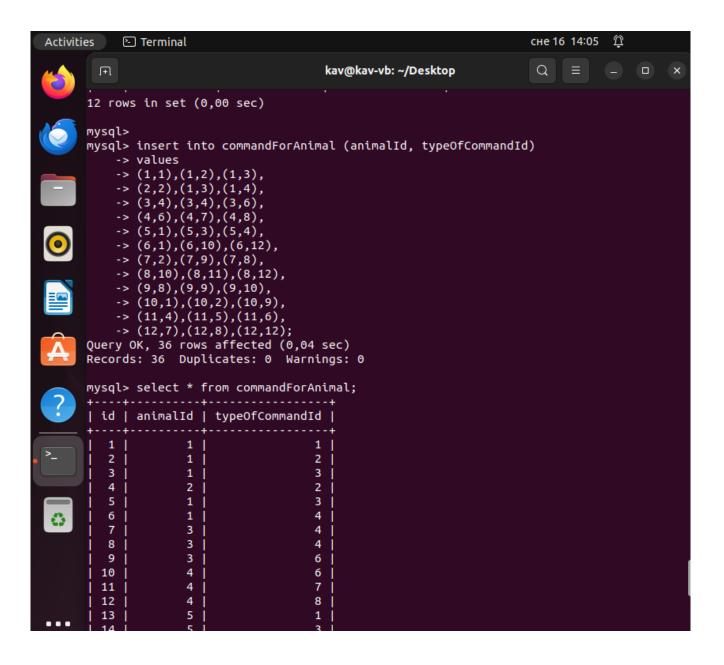
mysql> select * from categoryOfAnimal;
    | id | name | |
    | | 1 | pet |
    | | 2 | sumpter |
    | |
    | 2 rows in set (0,00 sec)

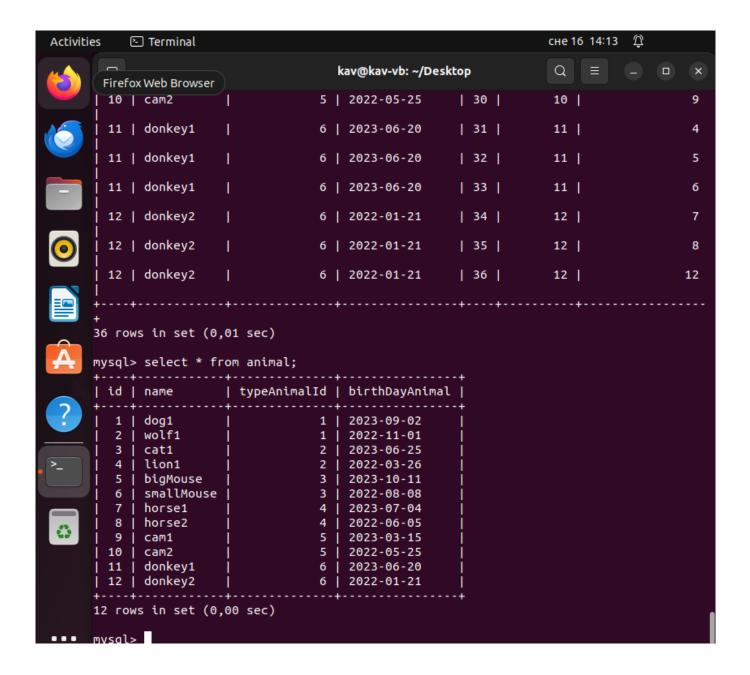
mysql>

mysql>
```

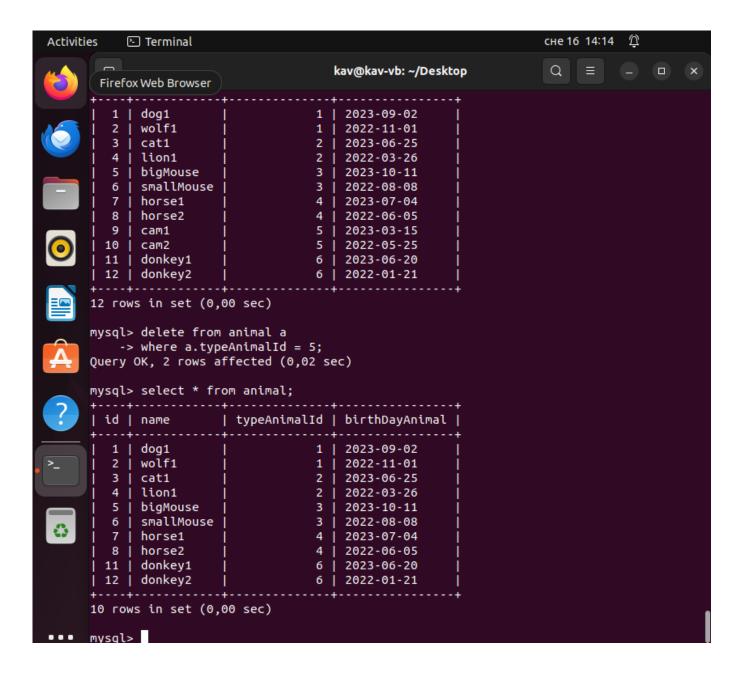
```
mysql> insert into typeOfAnimal (clanOfAnimalId, categoryOfAnimalId)
         -> values
         -> (1,1),
         -> (2,1),
         -> (3,1),
         -> (4,2),
         -> (5,2),
         -> (6,2);
     Query OK, 6 rows affected (0,03 sec)
     Records: 6 Duplicates: 0 Warnings: 0
     mysql> select * from typeOfAnimal;
     | id | categoryOfAnimalId | clanOfAnimalId |
        1 |
                              1 |
                              1
                                               2
        2
        3
                             1
                                               3 |
        4
                             2
        5
                                               5
                              2
        б
     6 rows in set (0,00 sec)
mysql>
```

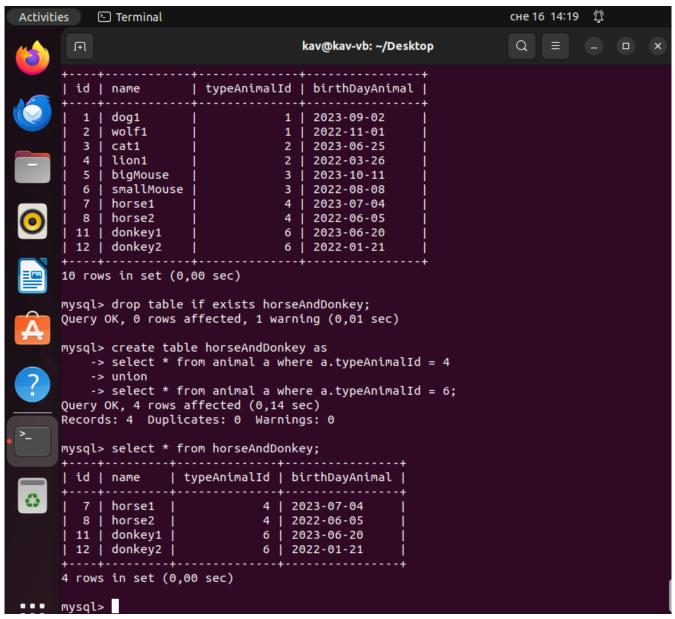




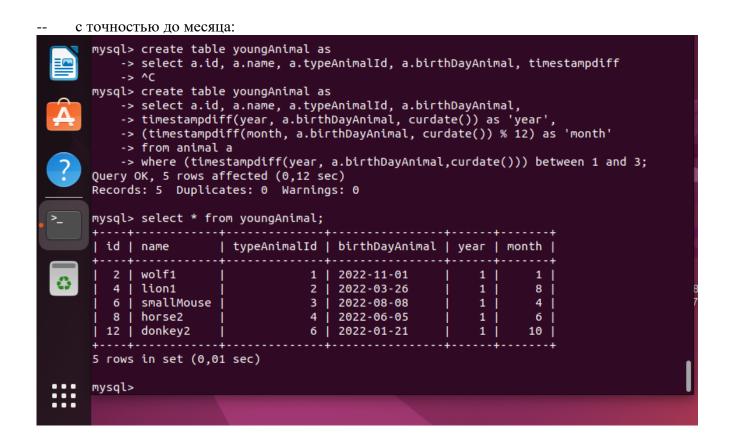


-- 7.2.3 Удалить записи о верблюдах:





-- 7.2.5 Создать новую таблицу для животных в возрасте от 1 до 3 лет и вычислить их возраст



-- 7.2.6 Объединить все созданные таблицы в одну, сохраняя информацию о принадлежности -- к исходным таблицам.

```
mysql> create table sumTableAnimal as
    -> (select * from youngAnimal
    -> union
    -> select *, null as 'year',
    -> null as 'month'
    -> from horseAndDonkey);
Query OK, 9 rows affected (0,12 sec)
Records: 9 Duplicates: 0 Warnings: 0
```

