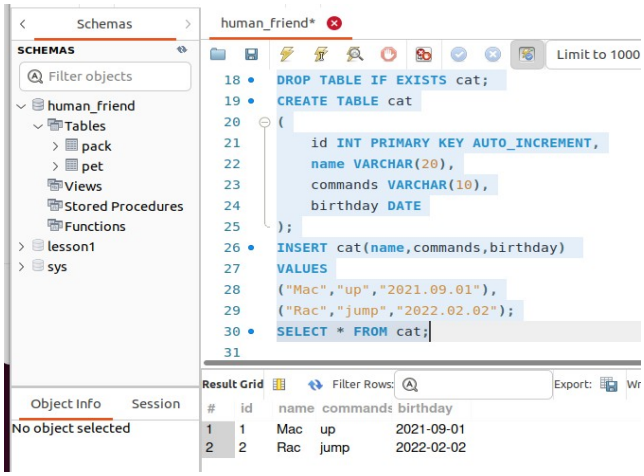
7. В подключенном MySQL репозитории создать базу данных “Друзья человека”

```
DROP DATABASE IF EXISTS human_friend;
CREATE DATABASE IF NOT EXISTS human_friend;
USE human_friend;
```

8. Создать таблицы с иерархией из диаграммы в БД
9. Заполнить низкоуровневые таблицы именами(животных), командами которые они выполняют и датами рождения

```
DROP TABLE IF EXISTS cat;
CREATE TABLE cat
(
      id INT PRIMARY KEY AUTO_INCREMENT,
      name VARCHAR(20),
      commands VARCHAR(10),
    birthday DATE
);
INSERT cat(name,commands,birthday)
VALUES
("Mac","up","2021.09.01"),
("Rac","jump","2022.02.02");
SELECT * FROM cat;
```




```
CREATE TABLE IF NOT EXISTS dog
(
      id INT PRIMARY KEY AUTO_INCREMENT,
      name VARCHAR(20),
      commands VARCHAR(10),
      birthday DATE
);
INSERT dog(name,commands,birthday)
VALUES
("Mad","up","2023.01.01"),
("Rad","jump","2016.02.02.");
SELECT * FROM dog;

CREATE TABLE IF NOT EXISTS namster
(
      id INT PRIMARY KEY AUTO_INCREMENT,
      name VARCHAR(20),
      commands VARCHAR(10),
      birthday DATE
      );
INSERT namster(name,commands,birthday)
VALUES
("Man","up","2020.01.01."),
("Dan","jump","2022.02.02.");
SELECT * FROM namster;

CREATE TABLE IF NOT EXISTS horse
(
```

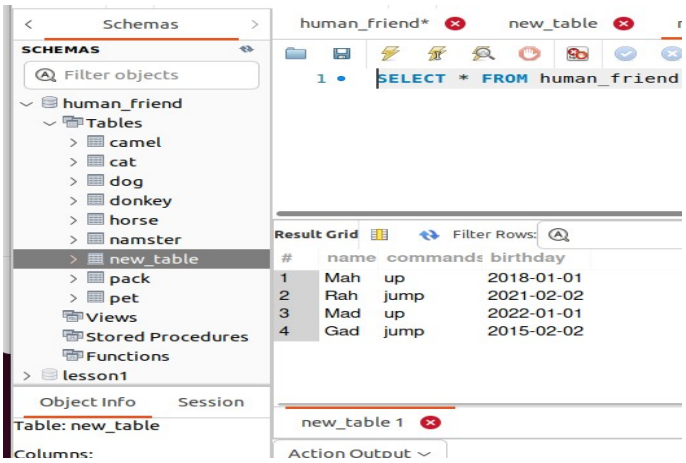
```
      id INT PRIMARY KEY AUTO_INCREMENT,
      name VARCHAR(20),
      commands VARCHAR(10),
      birthday DATE
);
INSERT horse(name,commands,birthday)
VALUES
("Mah","up","2018.01.01"),
("Rah","jump","2021.02.02.");
SELECT * FROM horse;

CREATE TABLE IF NOT EXISTS camel
(
      id INT PRIMARY KEY AUTO_INCREMENT,
      name VARCHAR(20),
      commands VARCHAR(10),
      birthday DATE
);
INSERT camel(name,commands,birthday)
VALUES
("Mac","up","2012.01.01."),
("Dac","jump","2021.02.02");
SELECT * FROM camel;

CREATE TABLE IF NOT EXISTS donkey
(
      id INT PRIMARY KEY AUTO_INCREMENT,
      name VARCHAR(20),
      commands VARCHAR(10),
      birthday DATE
);
INSERT donkey(name,commands,birthday)
VALUES
("Mad","up","2022.01.01"),
("Gad","jump","2015.02.02");
SELECT * FROM donkey;
```

10. Удалив из таблицы верблюдов, т.к. верблюдов решили перевезти в другой питомник на зимовку. Объединить таблицы лошади, и ослы в одну таблицу.

```
DROP TABLE camel;
```

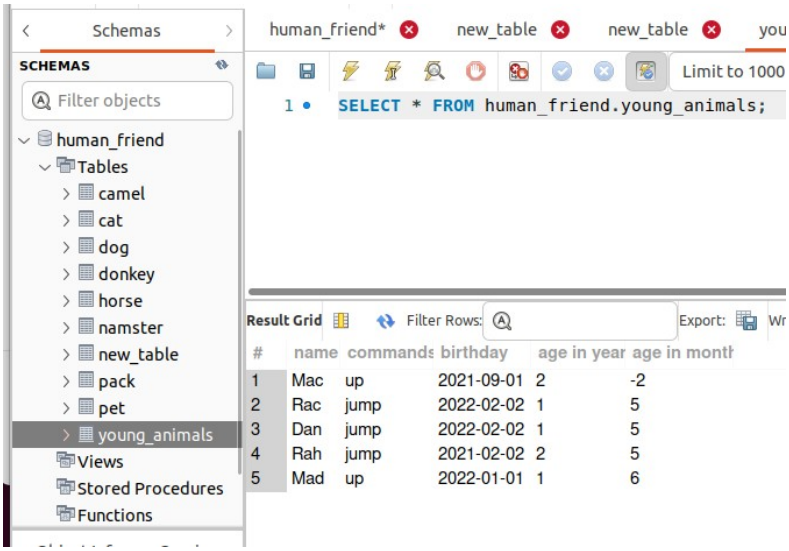
Объединить таблицы лошади, и ослы в одну таблицу.

```
CREATE TABLE new_table
SELECT horse.name,horse.commands,horse.birthday
FROM horse
UNION
SELECT donkey.name,donkey.commands,donkey.birthday
FROM donkey;
```



11.Создать новую таблицу “молодые животные” в которую попадут все животные старше 1 года, но младше 3 лет и в отдельном столбце с точностью до месяца подсчитать возраст животных в новой таблице

```
CREATE TABLE young_animals
SELECT name,commands,birthday,year(CURRENT_DATE())-year(birthday) AS "age in
year",month(CURRENT_DATE())-month(birthday) AS "age in month"
FROM cat
WHERE ((year(CURRENT_DATE())-year(birthday))>=1)&((year(CURRENT_DATE())-
year(birthday))<3)
UNION
SELECT name,commands,birthday,year(CURRENT_DATE())-year(birthday) AS "age in
year",month(CURRENT_DATE())-month(birthday) AS "age in month"
FROM dog
WHERE ((year(CURRENT_DATE())-year(birthday))>=1)&((year(CURRENT_DATE())-
year(birthday))<3)
UNION
SELECT name,commands,birthday,year(CURRENT_DATE())-year(birthday) AS "age in
year",month(CURRENT_DATE())-month(birthday) AS "age in month"
FROM namster
WHERE ((year(CURRENT_DATE())-year(birthday))>=1)&((year(CURRENT_DATE())-
year(birthday))<3)
UNION
SELECT name,commands,birthday,year(CURRENT_DATE())-year(birthday) AS "age in
year",month(CURRENT_DATE())-month(birthday) AS "age in month"
FROM horse
WHERE ((year(CURRENT_DATE())-year(birthday))>=1)&((year(CURRENT_DATE())-
year(birthday))<3)
UNION
SELECT name,commands,birthday,year(CURRENT_DATE())-year(birthday) AS "age in
year", month(CURRENT_DATE())-month(birthday) AS "age in month"
FROM donkey
WHERE ((year(CURRENT_DATE())-year(birthday))>=1)&((year(CURRENT_DATE())-
year(birthday))<3);
```



12. Объединить все таблицы в одну, при этом сохраняя поля, указывающие на прошлую принадлежность к старым таблицам.