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Группа (4738 или 4631) точно непонятна, т.к. привязан к двум чатам в телеграмм

Финальная домашняя работа

1 часть. Linux

Задание 1.

Для выполнения работы создаю директорию «hw_fin_2»

```
A new PowerShell stable release is available: v7.4.0
Upgrade now, or check out the release page at:
https://aka.ms/PowerShell-Release?tag=v7.4.0

PS C:\Users\Erop> ssh -p 8022 db@localhost
db@localhost's password:
Welcome to Ubuntu 22.04.3 LTS (GNU/Linux 6.2.0-37-generic x86_64)

 * Documentation:  https://help.ubuntu.com
 * Management:    https://landscape.canonical.com
 * Support:       https://ubuntu.com/advantage

Расширенное поддержание безопасности (ESM) для Applications выключено.

97 обновлений может быть применено немедленно.
73 из этих обновлений, являются стандартными обновлениями безопасности.
Чтобы просмотреть дополнительные обновления выполните: apt list --upgradable

12 дополнительных обновлений безопасности могут быть применены с помощью ESM Apps.
Подробнее о включении службы ESM Apps at https://ubuntu.com/esm

Last login: Sat Nov 25 21:16:20 2023 from 192.168.88.44
db@gb-linux:~$ mkdir hw_fin_2
db@gb-linux:~$ cd hw_fin_2
```

Создаем два файла и сразу заполняем их животными (были трудности перевода, поэтому вместо хомяка появилась ветчина, но переделывать не стал, понял уже когда диаграмму делал) :

Pets.txt

```
db@gb-linux:~/hw_fin_2$ cat > Pets.txt
Dogs
Cats
Hams
```

Pack_animals.txt

```
db@gb-linux:~/hw_fin_2$ cat > Pack_animals.txt
horse
camel
sheep
^C
db@gb-linux:~/hw_fin_2$ cat Pack_animals.txt
horse
camel
sheep
db@gb-linux:~/hw_fin_2$
```

Объединение двух файлов, переименование и просмотр результата

```
db@gb-linux:~/hw_fin_2$ cat Pets.txt Pack_animals.txt > HumanFriends.txt
db@gb-linux:~/hw_fin_2$ cat HumanFriends.txt
Dogs
Cats
Hams
horse
camel
sheep
db@gb-linux:~/hw_fin_2$
```

Проверка файлов через ls

```
db@gb-linux:~/hw_fin_2$ ls
HumanFriends.txt  Pack_animals.txt  Pets.txt
db@gb-linux:~/hw_fin_2$
```

Задание 2.

Создание новой директории и перемещение в него сводного файла

```
db@gb-linux:~$ mkdir hw_fin_2_dop
db@gb-linux:~$ mv ./hw_fin_2/HumanFriends.txt ./hw_fin_2_dop/
db@gb-linux:~$ cd hw_fin_2_dop
db@gb-linux:~/hw_fin_2_dop$ ls
HumanFriends.txt
db@gb-linux:~/hw_fin_2_dop$
```

2 часть SQL

```
System restore required
Last login: Tue Dec 26 23:05:20 2023 from 10.0.2.2
db@gb-linux:~$ sudo apt update
GnuPG: http://ru.archive.ubuntu.com/ubuntu-jammy-InR
...
db@gb-linux:~$ sudo apt upgrade
```

Установка mysql через apt

```
db@gb-linux:~$ sudo apt install mysql-server
Чтение списков пакетов... Готово
Построение дерева зависимостей... Готово
Чтение информации о состоянии... Готово
Следующие НОВЫЕ пакеты будут установлены:
  mysql-server
Обновлено 0 пакетов, установлено 1 новых пакетов, для удаления отмечено 0 пакетов, и 3 пакетов не с
новлено.
Необходимо скачать 9 464 В архивов.
После данной операции объём занятого дискового пространства возрастёт на 35,8 kB.
Пол:1 http://ru.archive.ubuntu.com/ubuntu jammy-updates/main amd64 mysql-server all 8.0.35-0ubuntu0
22.04.1 [9 464 В]
Получено 9 464 В за 0с (59,6 kB/s)
Выбор ранее не выбранного пакета mysql-server.
(Чтение базы данных ... на данный момент установлено 193512 файлов и каталогов.)
Подготовка к распаковке .../mysql-server_8.0.35-0ubuntu0.22.04.1_all.deb ...
Распаковывается mysql-server (8.0.35-0ubuntu0.22.04.1) ...
Настраивается пакет mysql-server (8.0.35-0ubuntu0.22.04.1) ...
db@gb-linux:~$
```

Для установки через dpkg скачиваем установочный пакет через wget

```
db@gb-linux:~$ wget https://dev.mysql.com/get/mysql-apt-config_0.8.12-1_all.deb
--2023-12-29 19:49:12-- https://dev.mysql.com/get/mysql-apt-config_0.8.12-1_all.deb
Распознаётся dev.mysql.com (dev.mysql.com)... 104.66.124.6, 2001:2030:21:19e::2e31, 2001:2030:21:1a9::2e31
Подключение к dev.mysql.com (dev.mysql.com)|104.66.124.6|:443... соединение установлено.
HTTP-запрос отправлен. Ожидание ответа... 302 Moved Temporarily
Адрес: https://repo.mysql.com/mysql-apt-config_0.8.12-1_all.deb [переход]
--2023-12-29 19:49:12-- https://repo.mysql.com/mysql-apt-config_0.8.12-1_all.deb
Распознаётся repo.mysql.com (repo.mysql.com)... 23.61.230.10, 2a02:26f0:9500:48c::1d68, 2a02:26f0:9500:49e::1d68
Подключение к repo.mysql.com (repo.mysql.com)|23.61.230.10|:443... соединение установлено.
HTTP-запрос отправлен. Ожидание ответа... 200 OK
Длина: 36306 (35K) [application/x-debian-package]
Сохранение в: 'mysql-apt-config_0.8.12-1_all.deb'

mysql-apt-config_0.8.12-1_all.deb 100%[=====] 35,46K ---KB/s за 0,03s
2023-12-29 19:49:13 (1,04 MB/s) - 'mysql-apt-config_0.8.12-1_all.deb' сохранён [36306/36306]
db@gb-linux:~$
```

Подключение внешних репозиторийов осуществляется через папку sources.list.d/:
Папка находится по адресу /etc/apt/sources.list.d/<name>.list

Устанавливаем через sudo dpkg -i <package>

```
db@gb-linux:~$ sudo dpkg -i mysql-apt-config_0.8.12-1_all.deb
```

```
Настраивается mysql-apt-config
MySQL APT Repo features MySQL Server along with a variety of MySQL components. You may select the appropriate product to choose
the version that you wish to receive.

Once you are satisfied with the configuration then select last option 'Ok' to save the configuration, then run 'apt-get update'
to load package list. Advanced users can always change the configurations later, depending on their own needs.

Which MySQL product do you wish to configure?

MySQL Server & Cluster (Currently selected: mysql-8.0)
MySQL Tools & Connectors (Currently selected: Enabled)
MySQL Preview Packages (Currently selected: Enabled)
Ok

<Ok>
```

Удаление пакета

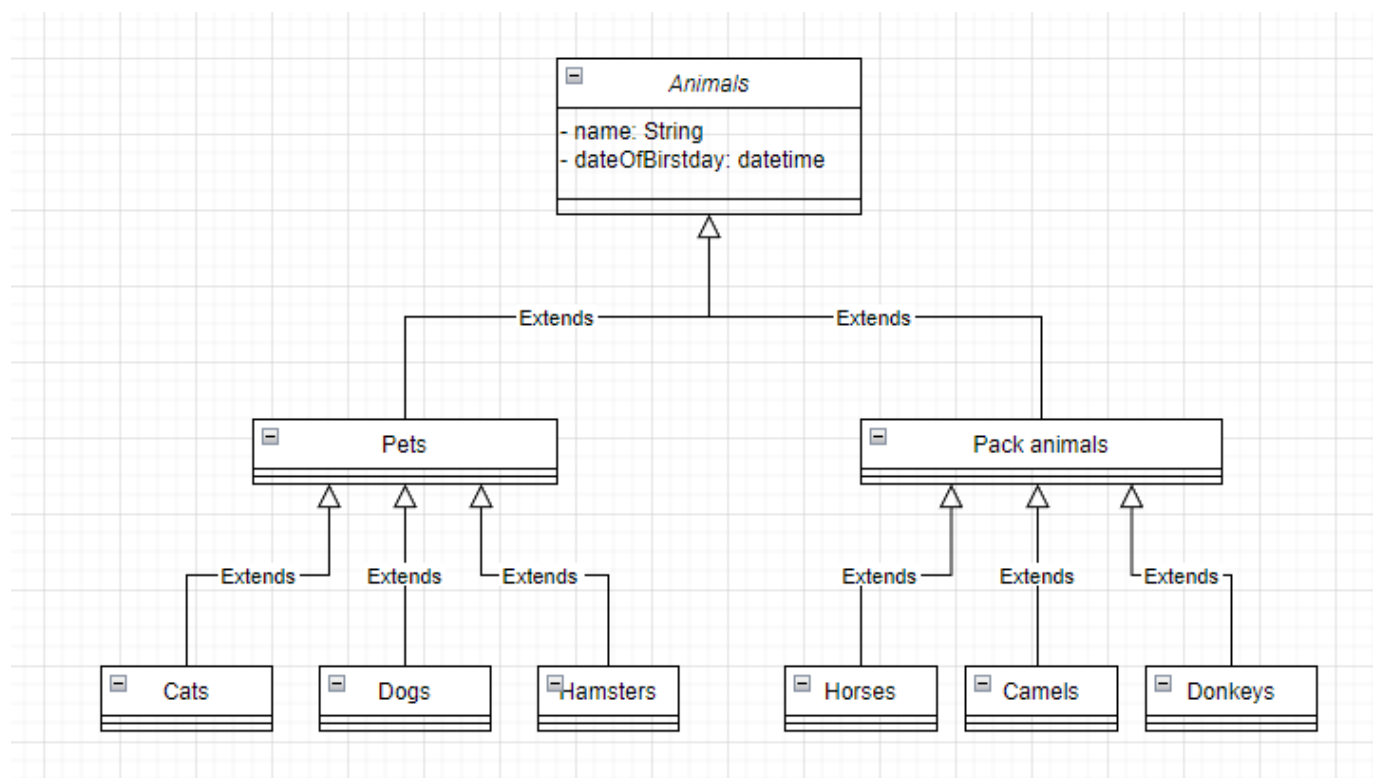
```
db@gb-linux:~$ sudo dpkg -r --force-all mysql-server-8.0
```

3 часть SQL

Задача 6

Диаграмма классов

Это первая диаграмма классов, которую делал. В процессе обучения это не проходили. Ориентировался на информацию из faq. По ощущениям должно быть что-то большее. Лекции и семинары не пропускались.



-- Задача 7 – 8 – 9

```
DROP DATABASE IF EXISTS Human_Friends;
CREATE DATABASE Human_Friends;
use Human_Friends;
```

```
DROP TABLE IF EXISTS Animals;
CREATE TABLE Animals (
id INT PRIMARY KEY AUTO_INCREMENT,
type_animals VARCHAR(15));
```

```
INSERT INTO
    Animals (type_animals)
VALUES
```

```
("Pets"),  
("Pack_animals");
```

```
DROP TABLE IF EXISTS Pets;  
CREATE TABLE Pets (  
id INT PRIMARY KEY AUTO_INCREMENT,  
animal VARCHAR(15),  
type_animals VARCHAR(15));
```

```
INSERT INTO  
  Pets (animal, type_animals)  
VALUES  
  ("cats", "Pets"),  
  ("dogs", "Pets"),  
  ("hamsters", "Pets");
```

```
DROP TABLE IF EXISTS Pack_animals;  
CREATE TABLE Pack_animals (  
id INT PRIMARY KEY AUTO_INCREMENT,  
animal VARCHAR(15),  
type_animals VARCHAR(15));
```

```
INSERT INTO  
  Pack_animals (animal, type_animals)  
VALUES  
  ("horses", "Pack_animals"),  
  ("camels", "Pack_animals"),  
  ("donkeys", "Pack_animals");
```

```
DROP TABLE IF EXISTS Cats;  
CREATE TABLE Cats (  
ID INT PRIMARY KEY AUTO_INCREMENT,  
Name VARCHAR(15),  
Type VARCHAR(15),  
BirthDate Date,  
Commands VARCHAR(30),  
animal VARCHAR(15));
```

```
INSERT INTO  
  Cats (Name, Type, BirthDate, Commands, animal)  
VALUES  
  ("mursik", "cat", "2022-02-02", "Sit, Pounce", "cats"),  
  ("belyi", "cat", "2021-03-08", "Sit, Pounce", "cats"),  
  ("pushok", "cat", "2019-01-01", "Sit, Pounce", "cats"),  
  ("kisa", "cat", "2023-05-02", "Sit, Pounce", "cats");
```

```
DROP TABLE IF EXISTS Dogs;
```

```
CREATE TABLE Dogs (  
ID INT PRIMARY KEY AUTO_INCREMENT,  
Name VARCHAR(15),  
Type VARCHAR(15),  
BirthDate Date,  
Commands VARCHAR(30),  
animal VARCHAR(15));
```

```
INSERT INTO  
Dogs (Name, Type, BirthDate, Commands, animal)  
VALUES  
("tobik", "dog", "2020-08-03", "Sit, Paw, Bark", "dogs"),  
("bobik", "dog", "2022-01-03", "Sit, Paw, Bark", "dogs"),  
("belka", "dog", "2022-10-03", "Sit, Paw, Bark", "dogs"),  
("tusik", "dog", "2021-12-04", "Sit, Paw, Bark", "dogs");
```

```
DROP TABLE IF EXISTS Hamsters;  
CREATE TABLE Hamsters (  
ID INT PRIMARY KEY AUTO_INCREMENT,  
Name VARCHAR(15),  
Type VARCHAR(15),  
BirthDate Date,  
Commands VARCHAR(30),  
animal VARCHAR(15));
```

```
INSERT INTO  
Hamsters (Name, Type, BirthDate, Commands, animal)  
VALUES  
("buddy", "hamster", "2020-03-01", "Roll, Hide", "hamsters"),  
("piskun", "hamster", "2021-02-03", "Roll, Hide", "hamsters"),  
("hams", "hamster", "2022-05-04", "Roll, Hide", "hamsters"),  
("bud", "hamster", "2023-06-05", "Roll, Hide", "hamsters");
```

```
DROP TABLE IF EXISTS Horses;  
CREATE TABLE Horses (  
ID INT PRIMARY KEY AUTO_INCREMENT,  
Name VARCHAR(15),  
Type VARCHAR(15),  
BirthDate Date,  
Commands VARCHAR(30),  
animal VARCHAR(15));
```

```
INSERT INTO  
Horses (Name, Type, BirthDate, Commands, animal)  
VALUES  
("bisriy", "horse", "2020-05-06", "Trot, Canter, Gallop", "horses"),  
("seriy", "horse", "2020-05-06", "Trot, Canter, Gallop", "horses"),  
("start", "horse", "2020-05-06", "Trot, Canter, Gallop", "horses"),  
("strela", "horse", "2022-07-08", "Trot, Canter, Gallop", "horses");
```

```
DROP TABLE IF EXISTS Camels;
CREATE TABLE Camels (
ID INT PRIMARY KEY AUTO_INCREMENT,
Name VARCHAR(15),
Type VARCHAR(15),
BirthDate Date,
Commands VARCHAR(30),
animal VARCHAR(15));
```

```
INSERT INTO
    Camels (Name, Type, BirthDate, Commands, animal)
VALUES
    ("sunny", "camel", "2019-01-07", "Walk, Carry Load", "camels"),
    ("winny", "camel", "2018-05-07", "Walk, Carry Load", "camels"),
    ("dori", "camel", "2020-06-17", "Walk, Carry Load", "camels"),
    ("cam", "camel", "2019-08-05", "Walk, Carry Load", "camels");
```

```
DROP TABLE IF EXISTS Donkeys;
CREATE TABLE Donkeys (
ID INT PRIMARY KEY AUTO_INCREMENT,
Name VARCHAR(15),
Type VARCHAR(15),
BirthDate Date,
Commands VARCHAR(30),
animal VARCHAR(15));
```

```
INSERT INTO
    Donkeys (Name, Type, BirthDate, Commands, animal)
VALUES
    ("ia", "donkey", "2018-07-04", "Walk, Carry Load, Bray", "donkeys"),
    ("ishak", "donkey", "2020-10-01", "Walk, Carry Load, Bray", "donkeys"),
    ("dolgiy", "donkey", "2022-05-20", "Walk, Carry Load, Bray", "donkeys"),
    ("grust", "donkey", "2019-04-05", "Walk, Carry Load, Bray", "donkeys");
```

-- **Задачи 10-11-12**

-- **task 10**

```
DELETE FROM Camels WHERE id > 0;
SELECT * FROM Camels;
```

-- далее все таблицы без верблюдов, т.к. они перехалиали

```
DROP TABLE IF EXISTS New_Pack_Animals;
CREATE TABLE New_Pack_Animals AS
(SELECT * FROM Horses
UNION
SELECT * FROM Donkeys);
```

```
SELECT * FROM New_Pack_Animals;
```

```
-- task 12
```

```
DROP TABLE IF EXISTS All_Animals;
```

```
CREATE TABLE All_Animals AS
```

```
(SELECT * FROM Cats
```

```
UNION
```

```
SELECT * FROM Dogs
```

```
UNION
```

```
SELECT * FROM Hamsters
```

```
UNION
```

```
SELECT * FROM Horses
```

```
UNION
```

```
SELECT * FROM Camels
```

```
UNION
```

```
SELECT * FROM Donkeys);
```

```
SELECT * FROM All_Animals;
```

```
-- task11 11 делал после 10 (т.е. на основе сводной таблицы по всем животным)
```

```
DROP TABLE IF EXISTS young_animals;
```

```
CREATE TABLE young_animals AS
```

```
(WITH age as (SELECT id, Name, Type, BirthDate, Commands, TIMESTAMPDIFF(MONTH, BirthDate,  
CURRENT_DATE()) AS age_in_month FROM All_Animals)
```

```
SELECT * FROM age WHERE age_in_month BETWEEN 12 and 36);
```

```
SELECT * FROM young_animals;
```

Дополнительно Скрины прикладываю.

MySQL Workbench

Local instance MySQL80 x

File Edit View Query Database Server Tools Scripting Help

Navigator

SCHEMAS

Filter objects

123

human_friends

Tables

- all_animals
- animals
- camels
- cats
- dogs
- donkeys
- hamsters
- horses
- new_pack_animals
- pack_animals
- pets
- young_animals

Views

Stored Procedures

Functions

myfistdb

sakila

seminar_1

seminar_2

seminar_3

seminar_4

seminar_5

seminar_6

sql_hw_1

sys

world

Administration Schemas

Information

No object selected

SQL File 3* SQL File 4* SQL File 9* SQL File 10* SQL File 11* SQL File 12* SQL File 12* hw_fin* x

Limit to 1000 rows

```
1 • DROP DATABASE IF EXISTS Human_Friends;
2 • CREATE DATABASE Human_Friends;
3 • use Human_Friends;
4
5 • DROP TABLE IF EXISTS Animals;
6 • CREATE TABLE Animals (
7   id INT PRIMARY KEY AUTO_INCREMENT,
8   type_animals VARCHAR(15));
9
10 • INSERT INTO
11     Animals (type_animals)
12   VALUES
13     ("Pets"),
14     ("Pack_animals");
15
16 • DROP TABLE IF EXISTS Pets;
17 • CREATE TABLE Pets (
18   id INT PRIMARY KEY AUTO_INCREMENT,
19   animal VARCHAR(15),
20   type_animals VARCHAR(15));
21
22 • INSERT INTO
23     Pets (animal, type_animals)
24   VALUES
25     ("cats", "Pets"),
26     ("dogs", "Pets"),
27     ("hamsters", "Pets");
28
29
30 • DROP TABLE IF EXISTS Pack_animals;
31 • CREATE TABLE Pack_animals (
32   id INT PRIMARY KEY AUTO_INCREMENT,
33   animal VARCHAR(15),
34   type_animals VARCHAR(15));
35
```



SCHEMAS

Filter objects

- 123
- human_friends
 - Tables
 - all_animals
 - animals
 - camels
 - cats
 - dogs
 - donkeys
 - hamsters
 - horses
 - new_pack_animals
 - pack_animals
 - pets
 - young_animals
 - Views
 - Stored Procedures
 - Functions
- myfistdb
- sakila
- seminar_1
- seminar_2
- seminar_3
- seminar_4
- seminar_5
- seminar_6
- sql_hw_1
- sys
- world

Administration Schemas

Information

No object selected



```
34     type_animals VARCHAR(15));
35
36 • INSERT INTO
37     Pack_animals (animal, type_animals)
38 VALUES
39     ("horses", "Pack_animals"),
40     ("camels", "Pack_animals"),
41     ("donkeys", "Pack_animals");
42
43
44 • DROP TABLE IF EXISTS Cats;
45 • CREATE TABLE Cats (
46     ID INT PRIMARY KEY AUTO_INCREMENT,
47     Name VARCHAR(15),
48     Type VARCHAR(15),
49     BirthDate Date,
50     Commands VARCHAR(30),
51     animal VARCHAR(15));
52
53 • INSERT INTO
54     Cats (Name, Type, BirthDate, Commands, animal)
55 VALUES
56     ("mursik", "cat", "2022-02-02", "Sit, Pounce", "cats"),
57     ("belyi", "cat", "2021-03-08", "Sit, Pounce", "cats"),
58     ("pushok", "cat", "2019-01-01", "Sit, Pounce", "cats"),
59     ("kisa", "cat", "2023-05-02", "Sit, Pounce", "cats");
60
61 • DROP TABLE IF EXISTS Dogs;
62 • CREATE TABLE Dogs (
63     ID INT PRIMARY KEY AUTO_INCREMENT,
64     Name VARCHAR(15),
65     Type VARCHAR(15),
66     BirthDate Date,
67     Commands VARCHAR(30),
68     animal VARCHAR(15));
--
```



Filter objects

- 123
- human_friends
 - Tables
 - all_animals
 - animals
 - camels
 - cats
 - dogs
 - donkeys
 - hamsters
 - horses
 - new_pack_animals
 - pack_animals
 - pets
 - young_animals
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- seminar_3
- seminar_4
- seminar_5
- seminar_6
- sql_hw_1
- sys
- world

Administration Schemas

Information

No object selected



```
64 Name VARCHAR(15),
65 Type VARCHAR(15),
66 BirthDate Date,
67 Commands VARCHAR(30),
68 animal VARCHAR(15));
69
70 • INSERT INTO
71   Dogs (Name, Type, BirthDate, Commands, animal)
72   VALUES
73   ("tobik", "dog", "2020-08-03", "Sit, Paw, Bark", "dogs"),
74   ("bobik", "dog", "2022-01-03", "Sit, Paw, Bark", "dogs"),
75   ("belka", "dog", "2022-10-03", "Sit, Paw, Bark", "dogs"),
76   ("tusik", "dog", "2021-12-04", "Sit, Paw, Bark", "dogs");
77
78 • DROP TABLE IF EXISTS Hamsters;
79 • CREATE TABLE Hamsters (
80   ID INT PRIMARY KEY AUTO_INCREMENT,
81   Name VARCHAR(15),
82   Type VARCHAR(15),
83   BirthDate Date,
84   Commands VARCHAR(30),
85   animal VARCHAR(15));
86
87 • INSERT INTO
88   Hamsters (Name, Type, BirthDate, Commands, animal)
89   VALUES
90   ("buddy", "hamster", "2020-03-01", "Roll, Hide", "hamsters"),
91   ("piskun", "hamster", "2021-02-03", "Roll, Hide", "hamsters"),
92   ("hams", "hamster", "2022-05-04", "Roll, Hide", "hamsters"),
93   ("bud", "hamster", "2023-06-05", "Roll, Hide", "hamsters");
94
95 • DROP TABLE IF EXISTS Horses;
96 • CREATE TABLE Horses (
97   ID INT PRIMARY KEY AUTO_INCREMENT,
98   Name VARCHAR(15),
99   Type VARCHAR(15),
100   BirthDate Date,
```

MySQL Workbench

Local instance MySQL80 x

File Edit View Query Database Server Tools Scripting Help

Navigator: 123 human_friends Tables all_animals animals camels cats dogs donkeys hamsters horses new_pack_animals pack_animals pets young_animals Views Stored Procedures Functions myfistdb sakila seminar_1 seminar_2 seminar_3 seminar_4 seminar_5 seminar_6 sql_hw_1 sys world

Administration Schemas Information

No object selected

SQL File 3* SQL File 4* SQL File 9* SQL File 10* SQL File 11* SQL File 12* hw_fin*

Limit to 1000 rows

```
100 BirthDate Date,
101 Commands VARCHAR(30),
102 animal VARCHAR(15));
103
104 • INSERT INTO
105     Horses (Name, Type, BirthDate, Commands, animal)
106     VALUES
107     ("bisriy", "horse", "2020-05-06", "Trot, Canter, Gallop", "horses"),
108     ("seriy", "horse", "2020-05-06", "Trot, Canter, Gallop", "horses"),
109     ("start", "horse", "2020-05-06", "Trot, Canter, Gallop", "horses"),
110     ("strela", "horse", "2022-07-08", "Trot, Canter, Gallop", "horses");
111
112 • DROP TABLE IF EXISTS Camels;
113 • CREATE TABLE Camels (
114     ID INT PRIMARY KEY AUTO_INCREMENT,
115     Name VARCHAR(15),
116     Type VARCHAR(15),
117     BirthDate Date,
118     Commands VARCHAR(30),
119     animal VARCHAR(15));
120
121 • INSERT INTO
122     Camels (Name, Type, BirthDate, Commands, animal)
123     VALUES
124     ("sunny", "camel", "2019-01-07", "Walk, Carry Load", "camels"),
125     ("winny", "camel", "2018-05-07", "Walk, Carry Load", "camels"),
126     ("dori", "camel", "2020-06-17", "Walk, Carry Load", "camels"),
127     ("cam", "camel", "2019-08-05", "Walk, Carry Load", "camels");
128
129 • DROP TABLE IF EXISTS Donkeys;
130 • CREATE TABLE Donkeys (
131     ID INT PRIMARY KEY AUTO_INCREMENT,
132     Name VARCHAR(15),
133     Type VARCHAR(15),
134     BirthDate Date,
135     Commands VARCHAR(30),
136     animal VARCHAR(15));
```



SCHEMAS

Filter objects

- 123
- human_friends
 - Tables
 - all_animals
 - animals
 - camels
 - cats
 - dogs
 - donkeys
 - hamsters
 - horses
 - new_pack_animals
 - pack_animals
 - pets
 - young_animals
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- seminar_1
- seminar_2
- seminar_3
- seminar_4
- seminar_5
- seminar_6
- sql_hw_1
- sys
- world

Administration Schemas

```

136     animal VARCHAR(15));
137
138 • INSERT INTO
139     Donkeys (Name, Type, BirthDate, Commands, animal)
140     VALUES
141     ("ia", "donkey", "2018-07-04", "Walk, Carry Load, Bray", "donkeys"),
142     ("ishak", "donkey", "2020-10-01", "Walk, Carry Load, Bray", "donkeys"),
143     ("dolgiy", "donkey", "2022-05-20", "Walk, Carry Load, Bray", "donkeys"),
144     ("grust", "donkey", "2019-04-05", "Walk, Carry Load, Bray", "donkeys");
145
146     -- task 10
147
148 • DELETE FROM Camels WHERE id > 0;
149 • SELECT * FROM Camels;
150
151     -- далее все таблицы без верблюдов, т.к. они перехалили
152
153 • DROP TABLE IF EXISTS New_Pack_Animals;
154 • CREATE TABLE New_Pack_Animals AS
155     (SELECT * FROM Horses
156     UNION
157     -- SELECT * FROM Camels
158     -- UNION
159     SELECT * FROM Donkeys);
160 • SELECT * FROM New_Pack_Animals;
161

```

- pets
- young_animals
- Views
- Stored Procedures
- Functions
- myfistdb
- sakila
- seminar_1
- seminar_2
- seminar_3
- seminar_4
- seminar_5
- seminar_6
- sql_hw_1
- sys
- world

Administration Schemas

No object selected

```

160 • SELECT * FROM New_Pack_Animals;
161
162     -- task 12
163 • DROP TABLE IF EXISTS All_Animals;
164 • CREATE TABLE All_Animals AS
165     (SELECT * FROM Cats
166     UNION
167     SELECT * FROM Dogs
168     UNION
169     SELECT * FROM Hamsters
170     UNION
171     SELECT * FROM Horses
172     UNION
173     SELECT * FROM Camels
174     UNION
175     SELECT * FROM Donkeys);
176 • SELECT * FROM All_Animals;
177
178
179     -- task11
180 • DROP TABLE IF EXISTS young_animals;
181 • CREATE TABLE young_animals AS
182     (WITH age as (SELECT id, Name, Type, BirthDate, Commands, TIMESTAMPDIFF(MONTH, BirthDate, CURRENT_DATE()) AS age_in_month FROM All_Animals)
183     SELECT * FROM age WHERE age_in_month BETWEEN 12 and 36);
184 • SELECT * FROM young_animals;
185

```

```

178
179 -- task11
180 • DROP TABLE IF EXISTS young_animals;
181 • CREATE TABLE young_animals AS
182 (WITH age as (SELECT id, Name, Type, BirthDate, Commands, TIMESTAMPDIFF(MONTH, BirthDate, CURRENT_DATE()) AS age_in_month FROM All_Animals)
183 SELECT * FROM age WHERE age_in_month BETWEEN 12 and 36);
184 • SELECT * FROM young_animals;
185

```

Result Grid   Filter Rows: Export:  Wrap Cell Content: 

	id	Name	Type	BirthDate	Commands	age_in_month
▶	1	mursik	cat	2022-02-02	Sit, Pounce	22
	2	belyi	cat	2021-03-08	Sit, Pounce	33
	2	bobik	dog	2022-01-03	Sit, Paw, Bark	23
	3	belka	dog	2022-10-03	Sit, Paw, Bark	14
	4	tusik	dog	2021-12-04	Sit, Paw, Bark	24
	2	piskun	hamster	2021-02-03	Roll, Hide	34
	3	hams	hamster	2022-05-04	Roll, Hide	19
	4	strela	horse	2022-07-08	Trot, Canter, Gallop	17
	3	dolgiy	donkey	2022-05-20	Walk, Carry Load, Bray	19