Итоговая аттестация. Часть 1. Команды на Linux.

```
mkdir gb
cd ./gb
cat > animalHome
      Cat
      Dog
      Hamster
cat animalWild
      Horse
      Donkey
      Camel
ls
cat animalHome >> animalWild
ls
mv animalWild FrendsOfPeople
mkdir test
mv FrendsOfPeople /home/vladimir/gb/test
cd ./test
ls

sudo apt install mysql

sudo apt install curl gnupg2 ca-certificates lsb-release ubuntu-keyring
curl https://nginx.org/keys/nginx_signing.key | gpg --dearmor \
 | sudo tee /usr/share/keyrings/nginx-archive-keyring.gpg >/dev/null
gpg --dry-run --quiet --no-keyring --import --import-options import-show
/usr/share/keyrings/nginxarchive-keyring.gpg
pub rsa2048 2011-08-19 [SC] [expires: 2024-06-14]
 573BFD6B3D8FBC641079A6ABABF5BD827BD9BF62
uid nginx signing key <signing-key@nginx.com>
echo "deb [signed-by=/usr/share/keyrings/nginx-archive-keyring.gpg] \
http://nginx.org/packages/mainline/ubuntu `lsb_release -cs` nginx" \
 | sudo tee /etc/apt/sources.list.d/nginx.list
sudo apt update
sudo apt install nginx

sudo apt install docker docker.io
docker run --name mysql -e MYSQL_ROOT_PASSWORD=1234 -d mysql:latest
docker exec -it mysql bash
mysql -u root -p
CREATE DATABASE frendsOfman;
use frendsOfman;
create table HomeAnimal(
    -> id serial primary key,
    -> name varchar,
    -> age date
    -> );

insert into HomeAnimal(name, command, age) values
      ('cat', 'myau', '2022-04-14'),
    -> ('dog', 'gav', '2021-01-11'),
    -> ('hamster', 'ham', '2022-10-01');
SELECT * FROM HomeAnimal;

create table WildAnimal(
    -> id serial primary key,
    -> name varchar,
    -> age date
```

```
    -> );

insert into WildAnimal(name, command, age) values
('horse', 'no', '2021-11-11'),
('donkey', 'donk', '2023-01-01'),
('camel', 'cam', '2021-12-12');
SELECT * FROM WildAnimal;

delete from WildAnimal where name='camel';
SELECT * FROM WildAnimal;

CREATE TABLE YoungAnimals (
    ->      id SERIAL PRIMARY KEY,
    ->      name VARCHAR(255),
    ->      age_months DECIMAL(6,2)
    -> );

INSERT INTO YoungAnimals (name, age_months)
-> SELECT name, TIMESTAMPDIFF(MONTH, age, NOW()) AS age_months
-> FROM HomeAnimal
-> WHERE age BETWEEN DATE_SUB(NOW(), INTERVAL 3 YEAR) AND DATE_SUB(NOW(),
INTERVAL 1 YEAR);

SELECT * FROM HomeAnimal
    -> UNION
    -> SELECT * FROM WildAnimal;

mysql> select * from HomeAnimal as ha left outer join WildAnimal as wa on
ha.id=wa.id left outer join YoungAnimals as ya
 on ha.id=ya.id;
+----+---------+---------+------------+------+--------+---------+--------
----+------+------+------------+
| id | name    | command | age        | id   | name   | command | age
| id   | name | age_months |
+----+---------+---------+------------+------+--------+---------+--------
----+------+------+------------+
|  1 | cat     | myau    | 2022-04-14 |    1 | horse  | no      | 2021-
11-11 |    1 | cat  |      12.00 |
|  2 | dog     | gav     | 2021-01-11 |    2 | donkey | donk    | 2023-
01-01 |    2 | dog  |      27.00 |
|  3 | hamster | ham     | 2022-10-01 | NULL | NULL   | NULL    | NULL
| NULL | NULL |       NULL |
+----+---------+---------+------------+------+--------+---------+--------
----+------+------+------------+
3 rows in set (0.00 sec)
```