1 Item

```
yaros@yaros:~$ ls
compose  docker  test_git  Игрушки
yaros@yaros:~$ cat > home_animal
dog
cat
yaros@yaros:~$ cat home_animal
dog
cat
hamsteryaros@yaros:~$ cat > pack_animals
horse
camel
donkey
yaros@yaros:~$ cat pack_animals
horse
camel
donkey
yaros@yaros:~$ cat home_animal pack_animals > common
yaros@yaros:~$ ls
common  compose  docker  home_animal  pack_animals  test_git  Игрушки
yaros@yaros:~$ cat common
dog
cat
hamsterhorse
camel
donkey
yaros@yaros:~$ nano common
yaros@yaros:~$ cat common
```

```
dog
cat
hamster

horse
camel
donkey
yaros@yaros:~$ mv common man's_friends
>
> ^C
yaros@yaros:~$ ls
common  compose  docker  home_animal  pack_animals  test_git  Игрушки
yaros@yaros:~$ mv common man_friends
yaros@yaros:~$ ls
compose  docker  home_animal  man_friends  pack_animals  test_git  Игрушки
yaros@yaros:~$ cat man_friends
dog
cat
hamster

horse
camel
donkey
```

2 Item

```
yaros@yaros:~$ ls
compose  docker  home_animal  man_friends  pack_animals  test_git  Игрушки
yaros@yaros:~$ mkdir ver_work
```

```
yaros@yaros:~$ mv pack_animals ver_work
yaros@yaros:~$ ls
compose  docker  home_animal  man_friends  test_git  ver_work  Игрушки
yaros@yaros:~$ cd ver_work/
yaros@yaros:~/ver_work$ ls
pack_animals
```

3, 4 Item

```
yaros@yaros:~$ sudo apt-key adv --keyserver pgp.mit.edu --recv-keys 3A79BD29
[sudo] password for yaros:
Warning: apt-key is deprecated. Manage keyring files in trusted.gpg.d instead (see
apt-key(8)).
Executing: /tmp/apt-key-gpghome.tRNP5qt1bR/gpg.1.sh --keyserver pgp.mit.edu --recv-
keys 3A79BD29
gpg: key 467B942D3A79BD29: public key "MySQL Release Engineering <mysql-
build@oss.oracle.com>" imported
gpg: Total number processed: 1
gpg:               imported: 1
yaros@yaros:~$ nano /etc/apt/sources.list.d/mysql.list
yaros@yaros:~$ sudo nano /etc/apt/sources.list.d/mysql.list
yaros@yaros:~$ sudo apt-get update
Get:1 http://repo.mysql.com/apt/ubuntu bionic InRelease [20.0 kB]
Hit:2 http://ports.ubuntu.com/ubuntu-ports jammy InRelease
Get:3 http://ports.ubuntu.com/ubuntu-ports jammy-updates InRelease [119 kB]
Hit:4 http://ports.ubuntu.com/ubuntu-ports jammy-backports InRelease
Hit:5 http://ports.ubuntu.com/ubuntu-ports jammy-security InRelease
Get:6 http://ports.ubuntu.com/ubuntu-ports jammy-updates/main arm64 Packages [947 kB]
Hit:7 https://download.docker.com/linux/ubuntu focal InRelease
```

```
Hit:8 https://download.docker.com/linux/ubuntu jammy InRelease
Get:9 http://ports.ubuntu.com/ubuntu-ports jammy-updates/universe arm64 Packages [795
kB]
Fetched 1,881 kB in 20s (93.6 kB/s)
Reading package lists... Done
W: http://repo.mysql.com/apt/ubuntu/dists/bionic/InRelease: Key is stored in legacy
trusted.gpg keyring (/etc/apt/trusted.gpg), see the DEPRECATION section in apt-key(8)
for details.
N: Skipping acquire of configured file 'mysql-8.0/binary-arm64/Packages' as repository
'http://repo.mysql.com/apt/ubuntu bionic InRelease' doesn't support architecture
'arm64'
W: https://download.docker.com/linux/ubuntu/dists/focal/InRelease: Key is stored in
legacy trusted.gpg keyring (/etc/apt/trusted.gpg), see the DEPRECATION section in apt-
key(8) for details.
yaros@yaros:~$ sudo apt-get install mysql-server
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
The following additional packages will be installed:
…..


yaros@yaros:~$ systemctl status mysql
● mysql.service - MySQL Community Server
     Loaded: loaded (/lib/systemd/system/mysql.service; enabled; vendor preset:
enabled)
     Active: active (running) since Wed 2023-04-26 14:00:32 UTC; 17s ago
    Process: 5388 ExecStartPre=/usr/share/mysql/mysql-systemd-start pre (code=exited,
status=0/SUCCESS)
   Main PID: 5396 (mysqld)
```

```
       Status: "Server is operational"
        Tasks: 39 (limit: 3393)
       Memory: 364.5M
          CPU: 678ms
       CGroup: /system.slice/mysql.service
               └─5396 /usr/sbin/mysqld

Apr 26 14:00:32 yaros systemd[1]: Starting MySQL Community Server...
Apr 26 14:00:32 yaros systemd[1]: Started MySQL Community Server.
```

7 Item

```
mysql> show databases;
+--------------------+
| Database           |
+--------------------+
| information_schema |
| mysql              |
| performance_schema |
| sys                |
+--------------------+
4 rows in set (0.03 sec)

mysql> CREATE DATABASE man_friends;
Query OK, 1 row affected (0.03 sec)

mysql> show databases;
+--------------------+
| Database           |
```

```
+--------------------+
| information_schema |
| man_friends        |
| mysql              |
| performance_schema |
| sys                |
+--------------------+
5 rows in set (0.00 sec)
```

С базой данных мне не понравилось задание. Какое-то непонятное) Организовал БД как счел правильным.

```
CREATE TABLE parent_class
(id SERIAL,
 name_class varchar(32) NOT NULL,
 PRIMARY KEY (id));

TRUNCATE TABLE parent_class;

INSERT INTO parent_class (name_class)
VALUES
('Pets'),
('Pack animals');


CREATE TABLE kind_animal
(id SERIAL,
 kind_animal varchar(32) NOT NULL,
 parents_class BIGINT UNSIGNED NOT NULL,
 PRIMARY KEY (id),
 FOREIGN KEY (parents_class) REFERENCES parent_class(id)
```

```sql
  ON DELETE CASCADE

  );

TRUNCATE TABLE kind_animal;
INSERT INTO kind_animal (kind_animal, parents_class)
VALUES
('Dog', 1),
('Cat', 1),
('Hamster', 1),
('Horse', 2),
('Camel', 2),
('Donkey', 2)
;

CREATE TABLE All_animal
(id SERIAL,
 name_animal varchar(32) NOT NULL,
 Date_Birth DATETIME,
 kind_animal BIGINT UNSIGNED NOT NULL,
 Date_Arrival DATETIME DEFAULT NOW(),
 Date_Departure DATETIME,
 Sign_Departure BIT DEFAULT 0,
 PRIMARY KEY (id),
 FOREIGN KEY (kind_animal) REFERENCES kind_animal(id)
 ON DELETE CASCADE
 );

TRUNCATE TABLE All_animal;

INSERT INTO All_animal (name_animal, Date_Birth, kind_animal)
VALUES
('Vaska', '2023-02-27', 1),
('Redic', '2022-02-27', 5),
```

```sql
('Sun', '2021-02-27', 4)
;


CREATE TABLE Table_Command
(id SERIAL,
 name_command varchar(32) NOT NULL,
 PRIMARY KEY (id));

TRUNCATE TABLE Table_Command;

INSERT INTO Table_Command (name_command)
VALUES
('Sounds'),
('Jump'),
('Run')
;

CREATE TABLE Connect_Command_animal
(id SERIAL,
 id_animal BIGINT UNSIGNED NOT NULL,
 id_command BIGINT UNSIGNED NOT NULL,
 PRIMARY KEY (id),
 FOREIGN KEY (id_animal) REFERENCES All_animal(id),
 FOREIGN KEY (id_command) REFERENCES Table_Command(id)
 ON DELETE CASCADE
);

TRUNCATE TABLE Connect_Command_animal;

INSERT INTO Connect_Command_animal (id_animal, id_command)
VALUES
(1,2)
;
```