ЧАСТЬ LINUX ИТОГОВОЙ РАБОТЫ

1 - создание файла homePets.txt и заполнение его записями «Кошки», «Собаки», «Хомяки»
2 - создание файла packAnimals.txt и заполнение его записями «Лошади», «Верблюды», «Ослы»
3 - объединение файлов homePets.txt и packAnimals.txt в один файл commonFile.txt
4 - переименовывание файла commonFile.txt в manFriernds.txt
5 - создание директории safe_dir
6 - перемещение файла manFriernds.txt в директорию safe_dir

```
root@geek-srv:/home/ilia_geek/final# cat -> homePets.txt
Кошки, собаки, хомяки
^C
root@geek-srv:/home/ilia_geek/final# cat homePets.txt
Кошки, собаки, хомяки
root@geek-srv:/home/ilia_geek/final# cat -> packAnimals.txt
Лошади, верблюды, ослы
^C
root@geek-srv:/home/ilia_geek/final# cat packAnimals.txt
Лошади, верблюды, ослы
root@geek-srv:/home/ilia_geek/final# cat homePets.txt packAnimals.txt > commonFile.txt
root@geek-srv:/home/ilia_geek/final# cat commonFile.txt
Кошки, собаки, хомяки
Лошади, верблюды, ослы
root@geek-srv:/home/ilia_geek/final# mv commonFile.txt manFriends.txt
root@geek-srv:/home/ilia_geek/final# cat manFriends.txt
Кошки, собаки, хомяки
Лошади, верблюды, ослы
root@geek-srv:/home/ilia_geek/final# mkdir safe_dir
root@geek-srv:/home/ilia_geek/final# mv manFriends.txt safe_dir/
root@geek-srv:/home/ilia_geek/final# cd safe_dir/
root@geek-srv:/home/ilia_geek/final/safe_dir# ls
manFriends.txt
root@geek-srv:/home/ilia_geek/final/safe_dir# cat manFriends.txt
Кошки, собаки, хомяки
Лошади, верблюды, ослы
```

7 - установка mysql-server

```
root@geek-srv:/home/ilia_geek/final/safe_dir# apt-get install mysql-server
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
The following additional packages will be installed:
  libcgi-fast-perl libcgi-pm-perl libclone-perl libencode-locale-perl libevent-pthreads-2.1-7 libfcgi-bin
  libfcgi-perl libfcgi0ldbl libhtml-parser-perl libhtml-tagset-perl libhtml-template-perl libhttp-date-perl
  libhttp-message-perl libio-html-perl liblwp-mediatypes-perl libmecab2 libprotobuf-lite23 libtimedate-perl
  liburi-perl mecab-ipadic mecab-ipadic-utf8 mecab-utils mysql-client-8.0 mysql-client-core-8.0 mysql-common
  mysql-server-8.0 mysql-server-core-8.0
Suggested packages:
  libdata-dump-perl libipc-sharedcache-perl libbusiness-isbn-perl libregexp-ipv6-perl libwww-perl mailx tinyca
The following NEW packages will be installed:
  libcgi-fast-perl libcgi-pm-perl libclone-perl libencode-locale-perl libevent-pthreads-2.1-7 libfcgi-bin
  libfcgi-perl libfcgi0ldbl libhtml-parser-perl libhtml-tagset-perl libhtml-template-perl libhttp-date-perl
  libhttp-message-perl libio-html-perl liblwp-mediatypes-perl libmecab2 libprotobuf-lite23 libtimedate-perl
  liburi-perl mecab-ipadic mecab-ipadic-utf8 mecab-utils mysql-client-8.0 mysql-client-core-8.0 mysql-common
  mysql-server mysql-server-8.0 mysql-server-core-8.0
0 upgraded, 28 newly installed, 0 to remove and 64 not upgraded.
Need to get 28.3 MB of archives.
After this operation, 240 MB of additional disk space will be used.
Do you want to continue? [Y/n] y
Get:1 http://ports.ubuntu.com/ubuntu-ports kinetic/main arm64 mysql-common all 5.8+1.0.8 [7,212 B]
Get:2 http://ports.ubuntu.com/ubuntu-ports kinetic-updates/main arm64 mysql-client-core-8.0 arm64 8.0.33-0ubuntu0.22.10.2 [2,512 kB]
Get:3 http://ports.ubuntu.com/ubuntu-ports kinetic-updates/main arm64 mysql-client-8.0 arm64 8.0.33-0ubuntu0.22.10.2 [22.4 kB]
Get:4 http://ports.ubuntu.com/ubuntu-ports kinetic/main arm64 libevent-pthreads-2.1-7 arm64 2.1.12-stable-5ubuntu1 [7,650 B]
Get:5 http://ports.ubuntu.com/ubuntu-ports kinetic/main arm64 libmecab2 arm64 0.996-14build9 [188 kB]
Get:6 http://ports.ubuntu.com/ubuntu-ports kinetic-updates/main arm64 libprotobuf-lite23 arm64 3.12.4-1ubuntu7.22.10.1 [187 kB]
```

```
root@geek-srv:/home/ilia_geek/final/safe_dir# mysql
Welcome to the MySQL monitor.  Commands end with ; or \g.
Your MySQL connection id is 8
Server version: 8.0.33-0ubuntu0.22.10.2 (Ubuntu)

Copyright (c) 2000, 2023, Oracle and/or its affiliates.

Oracle is a registered trademark of Oracle Corporation and/or its
affiliates. Other names may be trademarks of their respective
owners.

Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.

mysql> help
```

8 - скачивание deb-пакета с утилитой 2ping

```
root@geek-srv:/home/ilia_geek/final/safe_dir# apt download 2ping
Get:1 http://ports.ubuntu.com/ubuntu-ports kinetic/universe arm64 2ping all 4.5-1
Fetched 29.1 kB in 0s (114 kB/s)
W: Download is performed unsandboxed as root as file '/home/ilia_geek/final/safe_d
'_apt'. - pkgAcquire::Run (13: Permission denied)
root@geek-srv:/home/ilia_geek/final/safe_dir# ls
2ping_4.5-1_all.deb  manFriends.txt
```

9 - установка 2ping с помощью dpkg-утилиты

```
root@geek-srv:/home/ilia_geek/final/safe_dir# dpkg --install 2ping_4.5-1_all.deb
Selecting previously unselected package 2ping.
(Reading database ... 123686 files and directories currently installed.)
Preparing to unpack 2ping_4.5-1_all.deb ...
Unpacking 2ping (4.5-1) ...
Setting up 2ping (4.5-1) ...
Processing triggers for man-db (2.10.2-2) ...
```

10 - проверка статуса 2ping

```
root@geek-srv:/home/ilia_geek/final/safe_dir# dpkg --status 2ping
Package: 2ping
Status: install ok installed
Priority: optional
Section: net
Installed-Size: 151
Maintainer: Ubuntu Developers <ubuntu-devel-discuss@lists.ubuntu.com>
Architecture: all
Version: 4.5-1
```

11 - удаление 2ping с помощью dpkg-утилиты

```
root@geek-srv:/home/ilia_geek/final/safe_dir# dpkg --remove 2ping
(Reading database ... 123708 files and directories currently installed.)
Removing 2ping (4.5-1) ...
Processing triggers for man-db (2.10.2-2) ...
```

12 - проверка статуса 2ping

```
root@geek-srv:/home/ilia_geek/final/safe_dir# dpkg --status 2ping
Package: 2ping
Status: deinstall ok config-files
Priority: optional
Section: net
Installed-Size: 151
Maintainer: Ubuntu Developers <ubuntu-devel-discuss@lists.ubuntu.com>
Architecture: all
Version: 4.5-1
```

```
[root@geek-srv:/home/ilia_geek/final/safe_dir# dpkg --purge 2ping
(Reading database ... 123686 files and directories currently installed.)
Purging configuration files for 2ping (4.5-1) ...
[root@geek-srv:/home/ilia_geek/final/safe_dir# dpkg --status 2ping
dpkg-query: package '2ping' is not installed and no information is available
Use dpkg --info (= dpkg-deb --info) to examine archive files.
root@geek-srv:/home/ilia_geek/final/safe_dir#
```