Листинг команд из терминала к лабораторной работе №2

raison@raison-VirtualBox:~$ pwd

/home/raison

raison@raison-VirtualBox:~$ ls -l

total 48

drwxr-xr-x 2 root root 4096 сен 23 23:42 course

drwxr-xr-x 2 raison raison 4096 сен 20 17:14 Desktop

drwxr-xr-x 2 raison raison 4096 сен 20 17:14 Documents

drwxr-xr-x 2 raison raison 4096 сен 20 17:14 Downloads

drwxr-xr-x 2 root root 4096 сен 23 23:43 lab

-rw-rw-r-- 1 raison raison 396 сен 23 23:48 log2.txt

drwxr-xr-x 2 raison raison 4096 сен 20 17:14 Music

drwxr-xr-x 2 raison raison 4096 сен 20 17:14 Pictures

drwxr-xr-x 2 raison raison 4096 сен 20 17:14 Public

drwx------ 4 raison raison 4096 сен 23 23:51 snap

drwxr-xr-x 2 raison raison 4096 сен 20 17:14 Templates

drwxr-xr-x 2 raison raison 4096 сен 20 17:14 Videos

raison@raison-VirtualBox:~$ ls -l | head -3

total 48

drwxr-xr-x 2 root root 4096 сен 23 23:42 course

drwxr-xr-x 2 raison raison 4096 сен 20 17:14 Desktop

raison@raison-VirtualBox:~$ cat > f1.txt

my first labwork, he-he

q

^Z

[1]+ Stopped cat > f1.txt

raison@raison-VirtualBox:~$ cat f1.txt

my first labwork, he-he

q

raison@raison-VirtualBox:~$ cp f1.txt f2.txt

raison@raison-VirtualBox:~$ cat f2.txt

my first labwork, he-he

q

raison@raison-VirtualBox:~$ cat f1.txt f2.txt > f3.txt

raison@raison-VirtualBox:~$ cat f3.txt

my first labwork, he-he

q

my first labwork, he-he

q

raison@raison-VirtualBox:~$ rm f2.txt

raison@raison-VirtualBox:~$ rm f3.txt

raison@raison-VirtualBox:~$ mkdir lab

mkdir: cannot create directory ‘lab’: File exists

raison@raison-VirtualBox:~$ mkdir Lav

raison@raison-VirtualBox:~$ mkdir Lab

raison@raison-VirtualBox:~$ mkdir Course

raison@raison-VirtualBox:~$ cp f1.txt Lab

raison@raison-VirtualBox:~$ rm f1.txt

raison@raison-VirtualBox:~$ cd lab

raison@raison-VirtualBox:~/lab$ cat > names.txt

bash: names.txt: Permission denied

raison@raison-VirtualBox:~/lab$ chown raison lab

chown: cannot access 'lab': No such file or directory

raison@raison-VirtualBox:~/lab$ cd ..

raison@raison-VirtualBox:~$ chown raison lab

chown: changing ownership of 'lab': Operation not permitted

raison@raison-VirtualBox:~$ ls -1

Course

Desktop

Documents

Downloads

lab

Lab

Lav

log2.txt

Music

Pictures

Public

snap

Templates

Videos

raison@raison-VirtualBox:~$ ls -1 lab/names.txt

ls: cannot access 'lab/names.txt': No such file or directory

raison@raison-VirtualBox:~$ cd lab

raison@raison-VirtualBox:~/lab$ ls -l -1

total 4

-rw-r--r-- 1 root root 22 сен 23 23:43 f1.txt

raison@raison-VirtualBox:~/lab$ touch names.txt

touch: cannot touch 'names.txt': Permission denied

raison@raison-VirtualBox:~/lab$ sudo touch names.txt

[sudo] password for raison:

Sorry, try again.

[sudo] password for raison:

raison@raison-VirtualBox:~/lab$ ls -1 names.txt

names.txt

raison@raison-VirtualBox:~/lab$ ls -1 -l

total 4

-rw-r--r-- 1 root root 22 сен 23 23:43 f1.txt

-rw-r--r-- 1 root root 0 сен 24 12:18 names.txt

raison@raison-VirtualBox:~/lab$ cat > names.txt

bash: names.txt: Permission denied

raison@raison-VirtualBox:~/lab$ sudo cat > names.txt

bash: names.txt: Permission denied

raison@raison-VirtualBox:~/lab$ cat names.txt

raison@raison-VirtualBox:~/lab$ cat f1.txt

First labwork, hehehe

raison@raison-VirtualBox:~/lab$ f1.txt > names.txt

bash: names.txt: Permission denied

raison@raison-VirtualBox:~/lab$ cat | sudo tee -a./names.txt

tee: invalid option -- '.'

Try 'tee --help' for more information.

Tima

raison@raison-VirtualBox:~/lab$ cat | sudo tee -a names.txt

Tima

Tima

Petya

Petya

Vanya

Vanya

Vasiliy

Vasiliy

^Z

[1]+ Stopped cat | sudo tee -a names.txt

raison@raison-VirtualBox:~/lab$ cat names.txt

Tima

Petya

Vanya

Vasiliy

raison@raison-VirtualBox:~/lab$ cat names.txt | sort

Petya

Tima

Vanya

Vasiliy

raison@raison-VirtualBox:~/lab$ grep 'Tima' names.txt

Tima

raison@raison-VirtualBox:~/lab$ locate names.txt

Command 'locate' not found, but can be installed with:

sudo apt install plocate

raison@raison-VirtualBox:~/lab$ find names.txt

names.txt

raison@raison-VirtualBox:~/lab$ cd ..

raison@raison-VirtualBox:~$ find names.txt

find: ‘names.txt’: No such file or directory

raison@raison-VirtualBox:~$ lab

Command 'lab' not found, did you mean:

command 'laby' from deb laby (0.7.0-1build2)

command 'ab' from deb apache2-utils (2.4.52-1ubuntu4.1)

command 'fab' from deb fabric (2.6.0-1)

command 'ldb' from deb rocksdb-tools (6.11.4-3)

command 'dab' from deb bsdgames (2.17-29)

command 'lcab' from deb lcab (1.0b12-7)

command 'lb' from deb live-build (3.0~a57-1ubuntu41)

command 'lb' from deb open-infrastructure-system-build (20190301-lts1-2)

Try: sudo apt install <deb name>

raison@raison-VirtualBox:~$ cd lab

raison@raison-VirtualBox:~/lab$ cat names.txt| head 1

head: cannot open '1' for reading: No such file or directory

raison@raison-VirtualBox:~/lab$ cat names.txt| head -1

Tima

raison@raison-VirtualBox:~/lab$ cat names.txt| sort | head -1

Petya

raison@raison-VirtualBox:~/lab$ cat names.txt| head -1 | sort

Tima

raison@raison-VirtualBox:~/lab$ cat names.txt| head -2

Tima

Petya

raison@raison-VirtualBox:~/lab$ cat names.txt| head -2 | sort

Petya

Tima

raison@raison-VirtualBox:~/lab$ cat names.txt| tail -3

Petya

Vanya

Vasiliy

raison@raison-VirtualBox:~/lab$ cat names.txt| sort | tail -3

Tima

Vanya

Vasiliy

raison@raison-VirtualBox:~/lab$ cd ..

raison@raison-VirtualBox:~$ cat > scr.bash

echo 'Bash script works correct'

^C

raison@raison-VirtualBox:~$ bash scr.bash

Bash script works correct

raison@raison-VirtualBox:~$ cp scr.bash scr.sh

raison@raison-VirtualBox:~$ find scr.sh

scr.sh

raison@raison-VirtualBox:~$ bash scr.sh

Bash script works correct

raison@raison-VirtualBox:~$ cp names.txt | sort names2.txt

sort: cannot read: names2.txt: No such file or directory

cp: missing destination file operand after 'names.txt'

Try 'cp --help' for more information.

raison@raison-VirtualBox:~$ cat names.txt | sort

cat: names.txt: No such file or directory

raison@raison-VirtualBox:~$ cd lab

raison@raison-VirtualBox:~/lab$ cat names.txt | sort

Petya

Tima

Vanya

Vasiliy

raison@raison-VirtualBox:~/lab$ cat names.txt | sort > names2.txt

bash: names2.txt: Permission denied

raison@raison-VirtualBox:~/lab$ cat names.txt | sort | sudo tee names2.txt

Petya

Tima

Vanya

Vasiliy

raison@raison-VirtualBox:~/lab$ cat names.txt

Tima

Petya

Vanya

Vasiliy

raison@raison-VirtualBox:~/lab$ cat names2.txt

Petya

Tima

Vanya

Vasiliy

raison@raison-VirtualBox:~/lab$ diff names.txt names2.txt

1d0

< Tima

2a2

> Tima

raison@raison-VirtualBox:~/lab$ cd ..

raison@raison-VirtualBox:~$ rmdir lab

rmdir: failed to remove 'lab': Directory not empty

raison@raison-VirtualBox:~$ cd lab

raison@raison-VirtualBox:~/lab$ rm \*

rm: remove write-protected regular file 'f1.txt'? y

rm: cannot remove 'f1.txt': Permission denied

rm: remove write-protected regular file 'names2.txt'? y

rm: cannot remove 'names2.txt': Permission denied

rm: remove write-protected regular file 'names.txt'? y

rm: cannot remove 'names.txt': Permission denied

raison@raison-VirtualBox:~/lab$ sudo rm \*

raison@raison-VirtualBox:~/lab$ ls -l

total 0

raison@raison-VirtualBox:~/lab$ cd ..

raison@raison-VirtualBox:~$ rmdir lab

raison@raison-VirtualBox:~$ find lab

find: ‘lab’: No such file or directory