

РОССИЙСКИЙ УНИВЕРСИТЕТ ДРУЖБЫ НАРОДОВ

презентация **ПО ЛАБОРАТОРНОЙ РАБОТЕ № 6**

дисциплина: Операционные системы

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МОСКВА

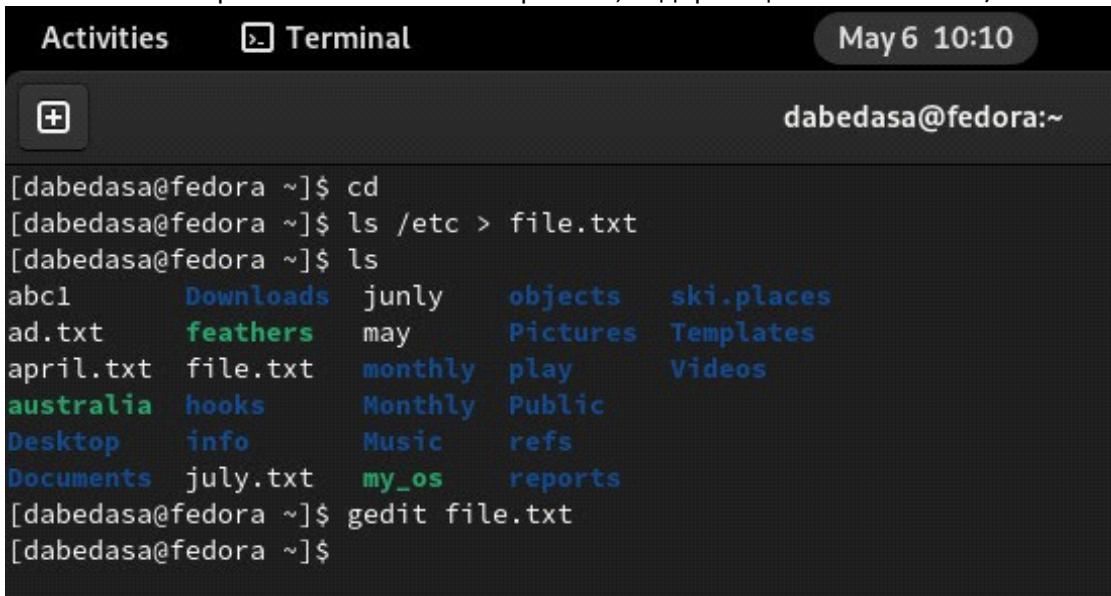
2020 г.

Цель работы:

Ознакомиться с инструментами поиска файлов и фильтрации текстовых данных.
Приобрести практические навыки: по управлению процессами (и заданиями), по проверке использования диска и обслуживанию файловых систем.

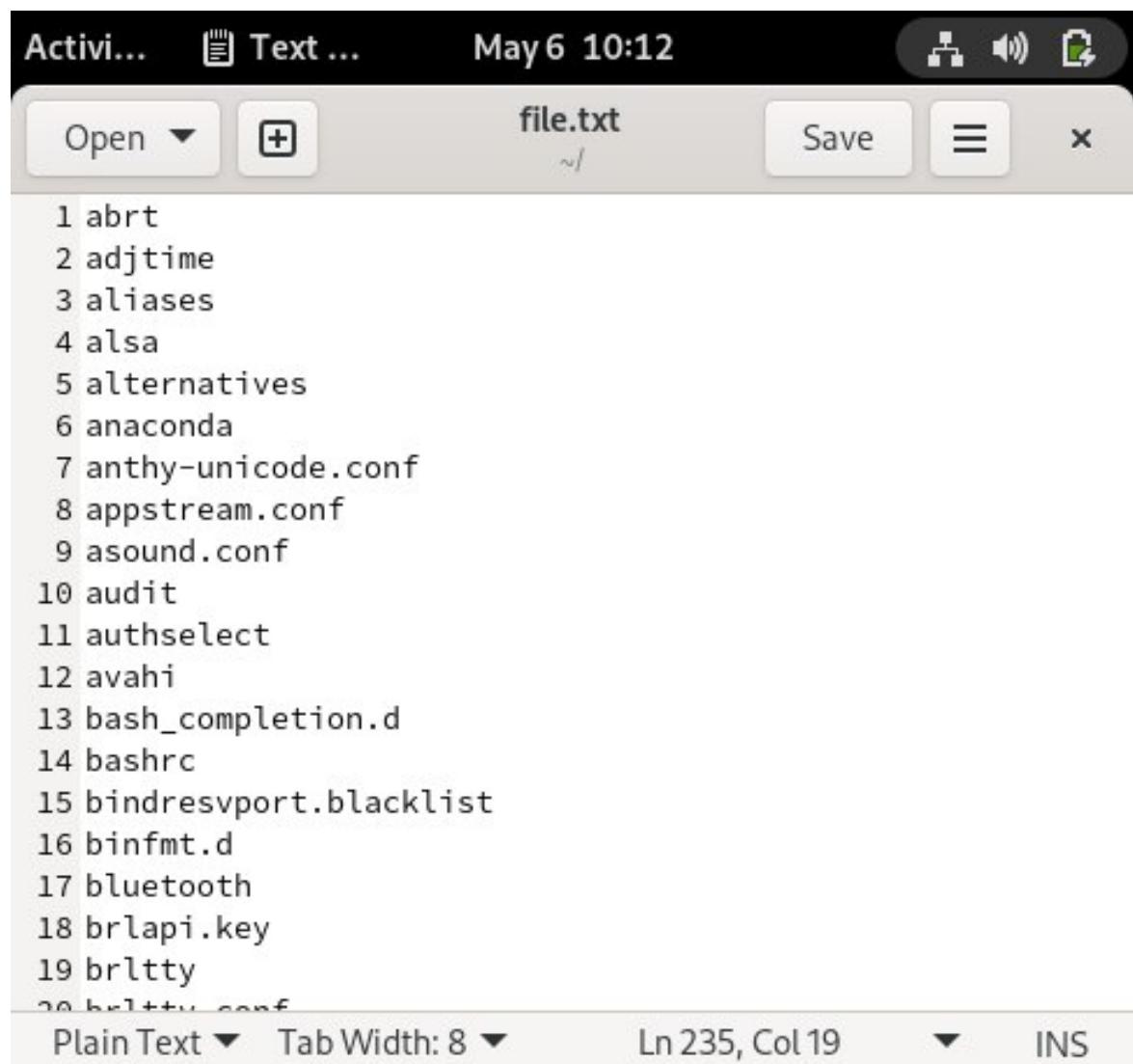
Ход работы:

- Осуществили вход в систему под моим именем пользователя.
- Записали в файл file.txt названия файлов, содержащихся в каталоге /etc.



The screenshot shows a terminal window titled "Terminal" with the user "dabedasa" at the prompt "dabedasa@fedora:~". The terminal displays the following command-line session:

```
[dabedasa@fedora ~]$ cd  
[dabedasa@fedora ~]$ ls /etc > file.txt  
[dabedasa@fedora ~]$ ls  
abc1      Downloads  junly    objects   ski.places  
ad.txt     feathers   may      Pictures  Templates  
april.txt  file.txt  monthly   play      Videos  
australia  hooks     Monthly  Public  
Desktop    info      Music    refs  
Documents  july.txt my_os    reports  
[dabedasa@fedora ~]$ gedit file.txt  
[dabedasa@fedora ~]$
```



A screenshot of a terminal window titled "Text ...". The window shows a list of files in the current directory (~). The files listed are: 1 abrt, 2 adjtime, 3 aliases, 4 alsa, 5 alternatives, 6 anaconda, 7 anthy-unicode.conf, 8 appstream.conf, 9 alsound.conf, 10 audit, 11 authselect, 12 avahi, 13 bash_completion.d, 14 bashrc, 15 bindresvport.blacklist, 16 binfmt.d, 17 bluetooth, 18 brlapi.key, 19 brltty, and 20 brltty.conf. The terminal also displays "Plain Text" and "Tab Width: 8" settings at the bottom.

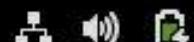
```
1 abrt
2 adjtime
3 aliases
4 alsa
5 alternatives
6 anaconda
7 anthy-unicode.conf
8 appstream.conf
9 alsound.conf
10 audit
11 authselect
12 avahi
13 bash_completion.d
14 bashrc
15 bindresvport.blacklist
16 binfmt.d
17 bluetooth
18 brlapi.key
19 brltty
20 brltty.conf
```

Дописали в этот же файл названия файлов, содержащихся в моем домашнем каталоге.

Activi...

Termi...

May 6 10:19



dabedasa@fedora:~



```
[dabedasa@fedora ~]$ cd
[dabedasa@fedora ~]$ ls /etc > file.txt
[dabedasa@fedora ~]$ ls
abc1      Downloads  junly    objects   ski.places
ad.txt    feathers   may      Pictures  Templates
april.txt file.txt  monthly   play     Videos
australia  hooks    Monthly  Public
Desktop    info      Music    refs
Documents  july.txt my_os   reports
[dabedasa@fedora ~]$ gedit file.txt
[dabedasa@fedora ~]$ ls >> file.txt
[dabedasa@fedora ~]$ gedit file.txt
[dabedasa@fedora ~]$ █
```

Activi... Text ... May 6 10:17

Open file.txt ~/ Save

```
1 abrt
2 adjtime
3 aliases
4 alsa
5 alternatives
6 anaconda
7 anthy-unicode.conf
8 appstream.conf
9 alsound.conf
10 audit
11 authselect
12 avahi
13 bash_completion.d
14 bashrc
15 bindresvport.blacklist
16 binfmt.d
17 bluetooth
18 brlapi.key
19 brltty
20 brltty.conf
```

Plain Text Tab Width: 8 Ln 235, Col 19 INS

Activi... Text ... May 6 10:17

Open file.txt ~/ Save

```
19 brcmccy
20 brltty.conf
21 ceph
22 chkconfig.d
23 chromium
24 chrony.conf
25 chrony.keys
26 cifs-utils
27 containers
28 crypto-policies
29 crypttab
30 csh.cshrc
31 csh.login
32 cups
33 cupshelpers
34 dbus-1
35 dconf
36 default
37 depmod.d
38 dhcp
```

Plain Text Tab Width: 8 Ln 38, Col 1 INS

- Вывели имена всех файлов из file.txt, имеющих расширение .conf.

The screenshot shows a terminal window titled "Termi..." with the user "dabedasa@fedora:~". The terminal displays the command "[dabedasa@fedora ~]\$ grep .conf file.txt" followed by a list of configuration files. The files listed are: anthy-unicode.conf, appstream.conf, asound.conf, brltty.conf, chkconfig.d, chrony.conf, dconf, dleyna-renderer-service.conf, dleyna-server-service.conf, dnsmasq.conf, dracut.conf, dracut.conf.d, extlinux.conf, fprintd.conf, fuse.conf, host.conf, idmapd.conf, jwhois.conf, kdump.conf, and krb5.conf. The text is in red, indicating they were found in the file "file.txt".

```
[dabedasa@fedora ~]$ grep .conf file.txt
anthy-unicode.conf
appstream.conf
asound.conf
brltty.conf
chkconfig.d
chrony.conf
dconf
dleyna-renderer-service.conf
dleyna-server-service.conf
dnsmasq.conf
dracut.conf
dracut.conf.d
extlinux.conf
fprintd.conf
fuse.conf
host.conf
idmapd.conf
jwhois.conf
kdump.conf
krb5.conf
```

Activities

Terminal

May 6 10:22



dabedasa@fedora:~

```
krb5.conf.d
ld.so.conf
ld.so.conf.d
libaudit.conf
libuser.conf
locale.conf
logrotate.conf
makedumpfile.conf.sample
man_db.conf
mke2fs.conf
mtools.conf
netconfig
nfs.conf
nfsmount.conf
nsswitch.conf
nsswitch.conf.bak
opensc.conf
opensc-x86_64.conf
passwdqc.conf
pkgconfig
radvd.conf
```

Activities Terminal May 6 10:22

[+]

dabedasa@fedora:~

```
pkgconfig
radvd.conf
reader.conf.d
request-key.conf
resolv.conf
rsyncd.conf
rygel.conf
sestatus.conf
sudo.conf
swtpm-localca.conf
swtpm_setup.conf
sysconfig
sysctl.conf
tcsd.conf
Trolltech.conf
updatedb.conf
uresourced.conf
usb_modeswitch.conf
vconsole.conf
xattr.conf
[dabedasa@fedora ~]$ cd
```

После этого записали их в новый текстовой файл conf.tx

A screenshot of a terminal window titled "dabedasa@fedora:~". The window shows the following command history:

```
[dabedasa@fedora ~]$ grep .conf file.txt >> conf.txt
[dabedasa@fedora ~]$ gedit conf.txt
[dabedasa@fedora ~]$
```

- Определили, какие файлы в моем домашнем каталоге имеют имена, начинавшиеся с символа «с» двумя способами:
 - Использовали команду `find ~ -name "с*"` –print в текстовом редакторе

The screenshot shows a terminal window titled "Text Editor" running on a Linux desktop. The window title bar includes "Activities", the application name, and the date and time "May 6 10:25". The main area of the window displays a list of configuration files, each preceded by a number from 1 to 19. The files listed are:

- 1 anthy-unicode.conf
- 2 appstream.conf
- 3 alsound.conf
- 4 brltty.conf
- 5 chkconfig.d
- 6 chrony.conf
- 7 dconf
- 8 dleyna-renderer-service.conf
- 9 dleyna-server-service.conf
- 10 dnsmasq.conf
- 11 dracut.conf
- 12 dracut.conf.d
- 13 extlinux.conf
- 14 fprintd.conf
- 15 fuse.conf
- 16 host.conf
- 17 idmapd.conf
- 18 jwhois.conf
- 19 kdump.conf

At the bottom right of the terminal window, there are two dropdown menus: "Plain Text" and "Tab Width: 8".

- Использовали команду `ls -l | grep c*`

Activities Terminal May 6 10:30

```
[dabedasa@fedora ~]$ find ~ -name "c*" -print
/home/dabedasa/.mozilla/firefox/n4ryz9hz.default-release/crashes
/home/dabedasa/.mozilla/firefox/n4ryz9hz.default-release/compatibility.ini
/home/dabedasa/.mozilla/firefox/n4ryz9hz.default-release/cookies.sqlite
/home/dabedasa/.mozilla/firefox/n4ryz9hz.default-release/storage/permanent/chrome
/home/dabedasa/.mozilla/firefox/n4ryz9hz.default-release/storage/default/https+++web.sqlite
/home/dabedasa/.mozilla/firefox/n4ryz9hz.default-release/storage/default/https+++web.sqlite-wal
/home/dabedasa/.mozilla/firefox/n4ryz9hz.default-release/storage/default/https+++web._open.marker
/home/dabedasa/.mozilla/firefox/n4ryz9hz.default-release/cert9.db
/home/dabedasa/.mozilla/firefox/n4ryz9hz.default-release/content-prefs.sqlite
/home/dabedasa/.mozilla/firefox/n4ryz9hz.default-release/containers.json
/home/dabedasa/.mozilla/firefox/n4ryz9hz.default-release/cookies.sqlite-wal
/home/dabedasa/.cache/evolution/calendar
/home/dabedasa/.cache/gnome-software/appstream/components.xmlb
/home/dabedasa/.cache/gnome-software/flatpak-system-default/components.xmlb
/home/dabedasa/.cache/gnome-software/flatpak-user-user/components.xmlb
/home/dabedasa/.cache/thumbnails/large/c81c028558f9c4c815fc20912753ece5.png
```

Activities Terminal May 6 10:30

```
[dabedasa@fedora ~]$ find ~ -name "c*" -print
/home/dabedasa/.mozilla/firefox/n4ryz9hz.default-release/crashes
/home/dabedasa/.mozilla/firefox/n4ryz9hz.default-release/compatibility.ini
/home/dabedasa/.mozilla/firefox/n4ryz9hz.default-release/cookies.sqlite
/home/dabedasa/.mozilla/firefox/n4ryz9hz.default-release/storage/permanent/chrome
/home/dabedasa/.mozilla/firefox/n4ryz9hz.default-release/storage/default/https+++web.sqlite
/home/dabedasa/.mozilla/firefox/n4ryz9hz.default-release/storage/default/https+++web.sqlite-wal
/home/dabedasa/.mozilla/firefox/n4ryz9hz.default-release/storage/default/https+++web._open.marker
/home/dabedasa/.mozilla/firefox/n4ryz9hz.default-release/cert9.db
/home/dabedasa/.mozilla/firefox/n4ryz9hz.default-release/content-prefs.sqlite
/home/dabedasa/.mozilla/firefox/n4ryz9hz.default-release/containers.json
/home/dabedasa/.mozilla/firefox/n4ryz9hz.default-release/cookies.sqlite-wal
/home/dabedasa/.cache/evolution/calendar
/home/dabedasa/.cache/gnome-software/appstream/components.xmlb
/home/dabedasa/.cache/gnome-software/flatpak-system-default/components.xmlb
/home/dabedasa/.cache/gnome-software/flatpak-user-user/components.xmlb
/home/dabedasa/.cache/thumbnails/large/c81c028558f9c4c815fc20912753ece5.png
```

- Вывели на экран имена файлов из каталога /etc, начинающиеся с символа h.

The screenshot shows a terminal window titled "dabedasa@fedora:~— more". The window contains the following text output from a command:

```
[dabedasa@fedora ~]$ find /etc -name 'h*' -print | more
find: '/etc/audit': Permission denied
/etc/avahi/hosts
/etc/brltty/Contraction/ha.ctb
/etc/brltty/Input/bm/horizontal.kti
/etc/brltty/Input/hd
/etc/brltty/Input/hm
/etc/brltty/Input/ht
/etc/brltty/Input/hw
/etc/brltty/Text/he.ttf
/etc/brltty/Text/hi.ttf
/etc/brltty/Text/hr.ttf
/etc/brltty/Text/hu.ttf
/etc/brltty/Text/hy.ttf
/etc/containers/oci/hooks.d
find: '/etc/cups/ssl': Permission denied
find: '/etc/dhcp': Permission denied
find: '/etc/firewalld': Permission denied
```

The terminal window has a standard Linux-style interface with a title bar, menu bar, and a scroll bar on the right. Below the terminal window, there is a dock with several icons and labels: a square icon labeled "Setti...", a gear icon labeled "Soft...", and a triangle icon labeled "dabe...".

Applications Places Terminal May 7 00:25

dabedasa@fedora:~ — more

```
find: '/etc/cups/ssl': Permission denied
find: '/etc/dhcp': Permission denied
find: '/etc/firewalld': Permission denied
find: '/etc/grub.d': Permission denied
/etc/hp
/etc/hp/hplip.conf
/etc/httpd
/etc/httpd/conf/httpd.conf
--More--find: '/etc/libvirt': Permission denied
find: '/etc/lvm/archive': Permission denied
find: '/etc/lvm/backup': Permission denied
find: '/etc/lvm/cache': Permission denied
find: '/etc/nftables': Permission denied
find: '/etc/openvpn/client': Permission denied
find: '/etc/openvpn/server': Permission denied
find: '/etc/polkit-1/localauthority': Permission denied
find: '/etc/polkit-1/rules.d': Permission denied
find: '/etc/sos/cleaner': Permission denied
```

Setti... Soft... dabe...

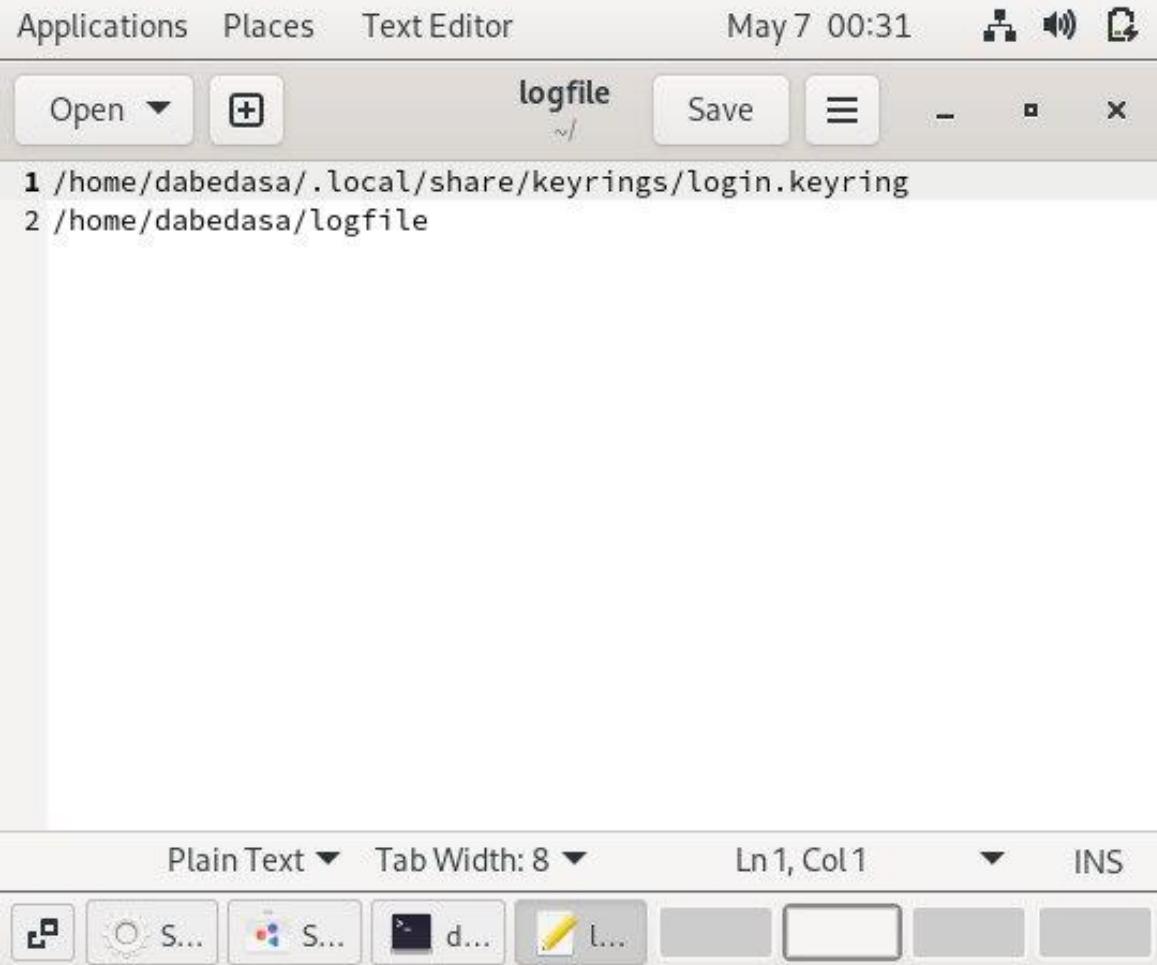
- Запустили в фоновом режиме процесс, который будет записывать в файл `~/logfile` файлы, имена которых начинаются с `log`.

Applications Places Terminal

dabedasa@fedora:~

dabedasa@fedora:~ — more

```
[dabedasa@fedora ~]$ find ~ -name 'log*' -print > ~/logfile &
[1] 2518
[dabedasa@fedora ~]$ gedit logfile
```



- Удалили файл ~ logfile.

Applications Places Terminal

```
dabedasa@fedora:~— more
[dabedasa@fedora ~]$ find ~ -name 'log*' -print > ~/logfile &
[1] 2518
[dabedasa@fedora ~]$ gedit logfile
[1]+ Done                      find ~ -name 'log*' -print > ~/logfile
[dabedasa@fedora ~]$ rm -i ~/logfile
rm: remove regular file '/home/dabedasa/logfile'? y
[dabedasa@fedora ~]$ 
```

- Запустили из консоли в фоновом режиме редактор gedit.
- Определили идентификатор процесса gedit, используя команду ps, конвейер и фильтр grep. Команда: ps axu | grep gedit. Определить этот идентификатор можно и более простым способом: он высвечивается сразу после запуска процесса в фоновом режиме. Также можно использовать команду jobs, которая выведет список запущенных в данный момент задач.

Applications Places Terminal

```
dabedasa@fedora:~— more
[dabedasa@fedora ~]$ gedit &
[1] 2576
[dabedasa@fedora ~]$ ps axu | grep gedit
dabedasa 2576 5.0 1.4 841448 58344 pts/1 S+ 00:34 0:03 gedit
dabedasa 2636 0.0 0.0 221788 2296 pts/1 S+ 00:35 0:00 grep --color=auto gedit
[dabedasa@fedora ~]$ 
```

- Прочли справку (man) команды kill, после чего использовали её для завершения процесса gedit

Applications Places Terminal



dabedasa@fedora:~ — man kill

dabedasa@fedora:~ — more



dabedasa@

KILL(1)

User Commands

KILL(1)

NAME

kill - terminate a process

SYNOPSIS

```
kill [-signal|-s signal|-p] [-q value] [-a] [--timeout  
milliseconds signal] [--] pid|name...
```

```
kill -l [number] | -L
```

DESCRIPTION

The command **kill** sends the specified signal to the specified processes or process groups.

Applications Places Terminal



dabedasa@fedora:~ — man kill

dabedasa@fedora:~ — more



dabedasa@

The command **kill** sends the specified signal to the specified processes or process groups.

If no signal is specified, the TERM signal is sent. The default action for this signal is to terminate the process. This signal should be used in preference to the KILL signal (number 9), since a process may install a handler for the TERM signal in order to perform clean-up steps before terminating in an orderly fashion. If a process does not terminate after a TERM signal has been sent, then the KILL signal may be used; be aware that the latter signal cannot be caught, and so does not give the target process the opportunity to perform any clean-up before terminating.

Manual page kill(1) line 13/185 16% (press h for help or q to quit)

The screenshot shows a terminal window titled "dabedasa@fedora:~". The window has two tabs: "dabedasa@fedora:~ — more" and "dabedasa@fedora:~". The left tab contains the following command-line session:

```
[dabedasa@fedora ~]$ gedit &
[2] 2713
[dabedasa@fedora ~]$ ps axu | grep gedit
dabedasa 2576 2.6 1.5 1108328 63216 pts/1 Sl 00:34 0:08 gedit
dabedasa 2724 0.0 0.0 221788 2248 pts/1 S+ 00:39 0:00 grep --color=auto gedit
[2]+ Done gedit
[dabedasa@fedora ~]$ man kill
[dabedasa@fedora ~]$ kill % 2576 cd
bash: kill: cd: arguments must be process or job IDs
[1]+ Terminated gedit
[dabedasa@fedora ~]$ man kill
[dabedasa@fedora ~]$
```

- Выполнили команды `df` и `du`, предварительно получив более подробную информацию об этих командах, с помощью команды `man`.

Applications Places Terminal

May 7 00:44



dabedasa@fedora:~



dabedasa@fedora:~ — m... ×

```
[dabedasa@fedora ~]$ man df  
[dabedasa@fedora ~]$ man du  
[dabedasa@fedora ~]$ [ ]
```

dabedasa@fedora:~ ×



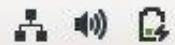
Setti...

Soft...

dabe...

Applications Places Terminal

May 7 00:46



dabedasa@fedora:~



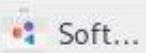
dabedasa@fedora:~ — m... ×

dabedasa@fedora:~ ×

```
[dabedasa@fedora ~]$ man df
[dabedasa@fedora ~]$ man du
[dabedasa@fedora ~]$
[dabedasa@fedora ~]$ df
Filesystem      1K-blocks    Used Available Use% Mounted on
devtmpfs          1983792      0   1983792   0% /dev
tmpfs            2004136      0   2004136   0% /dev/shm
tmpfs            801656     1368   800288   1% /run
/dev/sda2        32504832 5198936 27127432 17% /
/dev/sda2        32504832 5198936 27127432 17% /home
tmpfs            2004140      44   2004096   1% /tmp
/dev/sda1        996780  175220    752748 19% /boot
tmpfs            400824      120   400704   1% /run/user/1000
[dabedasa@fedora ~]$ du
```



Setti...



dabe...

Applications Places Terminal May

dabedasa@fedora:~

```
dabedasa@fedora:~ — more
```

```
0 ./mozilla/extensions/{ec8030f7-c20a-464f-9b0e-13a3a9e97384}
0 ./mozilla/extensions
0 ./mozilla/plugins
0 ./mozilla/firefox/Crash Reports/events
4 ./mozilla/firefox/Crash Reports
0 ./mozilla/firefox/Pending Pings
0 ./mozilla/firefox/n4ryz9hz.default-release/minidumps
0 ./mozilla/firefox/n4ryz9hz.default-release/crashes/events
4 ./mozilla/firefox/n4ryz9hz.default-release/crashes
0 ./mozilla/firefox/n4ryz9hz.default-release/storage/permanent/chrome/idb/3870112724r
s/journals
772 ./mozilla/firefox/n4ryz9hz.default-release/storage/permanent/chrome/idb/3870112724r
s
0 ./mozilla/firefox/n4ryz9hz.default-release/storage/permanent/chrome/idb/3561288849s
0 ./mozilla/firefox/n4ryz9hz.default-release/storage/permanent/chrome/idb/1451318868r
r.files
0 ./mozilla/firefox/n4ryz9hz.default-release/storage/permanent/chrome/idb/1657114595s
```

Settings Software dabedasa@fedora:~

Applications Places Terminal May 7

dabedasa@fedora:~

```
dabedasa@fedora:~ — more
```

```
r.files
0 ./mozilla/firefox/n4ryz9hz.default-release/storage/permanent/chrome/idb/1657114595An
0 ./mozilla/firefox/n4ryz9hz.default-release/storage/permanent/chrome/idb/2823318777nt
d.files
0 ./mozilla/firefox/n4ryz9hz.default-release/storage/permanent/chrome/idb/2918063365pi
9172 ./mozilla/firefox/n4ryz9hz.default-release/storage/permanent/chrome/idb
9176 ./mozilla/firefox/n4ryz9hz.default-release/storage/permanent/chrome
9176 ./mozilla/firefox/n4ryz9hz.default-release/storage/permanent
0 ./mozilla/firefox/n4ryz9hz.default-release/storage/temporary
0 ./mozilla/firefox/n4ryz9hz.default-release/storage/default/moz-extension+++b9e2ed45-
69cabbed^userContextId=4294967295/idb/3647222921wleabcEoxlt-eengsairo.files
44 ./mozilla/firefox/n4ryz9hz.default-release/storage/default/moz-extension+++b9e2ed45-
69cabbed^userContextId=4294967295
48 ./mozilla/firefox/n4ryz9hz.default-release/storage/default/moz-extension+++b9e2ed45-
69cabbed^userContextId=4294967295
0 ./mozilla/firefox/n4ryz9hz.default-release/storage/default/https+++web.whatsapp.com/
files
```

Settings Software dabedasa@fedora:~

dabedasa@fedora:~

```
14084 ./cache/mozilla/firefox/n4ryz9hz.default-release/startupCache  
46944 ./cache/mozilla/firefox/n4ryz9hz.default-release/cache2/entries  
0 ./cache/mozilla/firefox/n4ryz9hz.default-release/cache2/doomed  
47024 ./cache/mozilla/firefox/n4ryz9hz.default-release/cache2  
16 ./cache/mozilla/firefox/n4ryz9hz.default-release/thumbnails  
8 ./cache/mozilla/firefox/n4ryz9hz.default-release/settings/main/ms-language-packs  
8 ./cache/mozilla/firefox/n4ryz9hz.default-release/settings/main  
8 ./cache/mozilla/firefox/n4ryz9hz.default-release/settings  
1372 ./cache/mozilla/firefox/n4ryz9hz.default-release/personality-provider  
12472 ./cache/mozilla/firefox/n4ryz9hz.default-release/safebrowsing/google4  
14544 ./cache/mozilla/firefox/n4ryz9hz.default-release/safebrowsing  
77052 ./cache/mozilla/firefox/n4ryz9hz.default-release  
0 ./cache/mozilla/firefox/wgpmcq6y.default  
77052 ./cache/mozilla/firefox  
77052 ./cache/mozilla  
8 ./cache/fontconfig
```

Settings Software dabedasa@fedora:~

Applications Places Terminal

dabedasa@fedora:~

```
0 ./refs  
0 ./objects/pack  
0 ./objects/info  
0 ./objects  
12 ./gnupg  
0 ./monthly  
0 ./reports/monthly/monthly  
0 ./reports/monthly/july/april  
0 ./reports/monthly/july  
0 ./reports/monthly  
0 ./reports  
0 ./Monthly  
8 ./ski.places/equipment  
0 ./ski.places/plans  
8 ./ski.places  
0 ./play
```

242064

Settings Software dabedasa@fedora:~

Applications Places Terminal



dabedasa@fedora:~

dabedasa@fedora:~ — more

```
118332 ./cacne
8     ./config/dconf
0     ./config/goa-1.0
8     ./config/ibus/bus
8     ./config/ibus
12    ./config/evolution/sources
12    ./config/evolution
4     ./config/pulse
4     ./config/gtk-3.0
0     ./config/abrt
0     ./config/gnome-session/saved-session
0     ./config/gnome-session
4     ./config/gnome-boxes/sources
4     ./config/gnome-boxes
0     ./config/nautilus
4     ./config/gnome-control-center/backgrounds
4     ./config/gnome-control-center
```



Settings

Software



dabedasa@

The screenshot shows a Fedora desktop environment with a terminal window open. The terminal window title is "dabedasa@fedora:~". The window contains the following text:

```
8 ./ski.places/equipment
0 ./ski.places/plans
8 ./ski.places
0 ./play
242064 .
[dabedasa@fedora ~]$ df
Filesystem      1K-blocks    Used Available Use% Mounted on
devtmpfs        1983792      0   1983792   0% /dev
tmpfs           2004136      0   2004136   0% /dev/shm
tmpfs           801656     1368   800288   1% /run
/dev/sda2       32504832 5199312 27127056 17% /
/dev/sda2       32504832 5199312 27127056 17% /home
tmpfs           2004140      44   2004096   1% /tmp
/dev/sdal       996780  175220   752748 19% /boot
tmpfs           400824      120   400704   1% /run/user/1000
[dabedasa@fedora ~]$
```

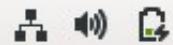
The terminal window has a blue horizontal bar indicating scrollback. Below the terminal are several application icons in the dock, including a file manager, settings, software center, and a terminal icon.

Вывод du настолько огромный, что его начало консоль не показала.

- Воспользовавшись справкой команды find, вывели имена всех директорий, имеющихся в вашем домашнем каталоге.

Applications Places Terminal

May 7 00:52



dabedasa@fedora:~



dabedasa@fedora:~ — m... ×

dabedasa@fedora:~ ×

```
[dabedasa@fedora ~]$ man find
[dabedasa@fedora ~]$ find -type d
.
./mozilla
./mozilla/extensions
./mozilla/extensions/{ec8030f7-c20a-464f-9b0e-13a3a9e97384}
./mozilla/plugins
./mozilla/firefox
./mozilla/firefox/Crash Reports
./mozilla/firefox/Crash Reports/events
./mozilla/firefox/Pending Pings
./mozilla/firefox/n4ryz9hz.default-release
./mozilla/firefox/n4ryz9hz.default-release/minidumps
./mozilla/firefox/n4ryz9hz.default-release/crashes
./mozilla/firefox/n4ryz9hz.default-release/crashes/events
./mozilla/firefox/n4ryz9hz.default-release/storage
./mozilla/firefox/n4ryz9hz.default-release/storage/permanent
```



Setti...



Soft...



dabe...

Applications Places Terminal

May 7 00:53



dabedasa@fedora:~



dabedasa@fedora:~ — m... ×

dabedasa@fedora:~ ×

```
./mozilla/firefox/n4ryz9hz.default-release/storage/default/https+
++web.whatsapp.com/cache/morgue/85
./mozilla/firefox/n4ryz9hz.default-release/storage/default/https+
++web.whatsapp.com/cache/morgue/120
./mozilla/firefox/n4ryz9hz.default-release/storage/default/https+
++web.whatsapp.com/cache/morgue/144
./mozilla/firefox/n4ryz9hz.default-release/storage/default/https+
++web.whatsapp.com/cache/morgue/190
./mozilla/firefox/n4ryz9hz.default-release/storage/default/https+
++web.whatsapp.com/cache/morgue/119
./mozilla/firefox/n4ryz9hz.default-release/storage/default/https+
++web.whatsapp.com/cache/morgue/209
./mozilla/firefox/n4ryz9hz.default-release/storage/default/https+
++web.whatsapp.com/cache/morgue/178
./mozilla/firefox/n4ryz9hz.default-release/storage/default/https+
++web.whatsapp.com/cache/morgue/149
./mozilla/firefox/n4ryz9hz.default-release/storage/default/https+
```



Setti...



Soft...



dabe...

A screenshot of a terminal window titled "dabedasa@fedora:~". The window contains a list of directory names, many of which start with "./". The list includes: ./objects, ./objects/pack, ./objects/info, ./gnupg, ./monthly, ./reports, ./reports/monthly, ./reports/monthly/monthly, ./reports/monthly/july, ./reports/monthly/july/april, ./Monthly, ./ski.places, ./ski.places/equipment, ./ski.places/plans, ./play, and [dabedasa@fedora ~]\$.

The terminal window is part of a desktop interface, with a menu bar at the top showing "Applications", "Places", and "Terminal". The date and time "May 7 00:53" are also visible. Below the terminal are several icons in the dock, including a file manager, settings, software center, and a terminal icon.

Количество директорий также огромное и консоль не показывает начало списка.

Вывод:

В ходе работы мы ознакомились с инструментами поиска файлов и фильтрации текстовых данных, а также приобрели практические навыки как по управлению процессами и заданиями, так и по проверке использования диска и обслуживанию файловых систем.