```
№ 5
                                                                                                   -02-20
                  2021 .
                                                                                   Linux,
                                                                                                                                         : 1.
                                                                                                                                                                                                      \sim/abc1
                                                                                                                                                                                                                                                 april
                                                                                                                                                                                                                                                                                                     may.
                                           april may
                                                                                                                  monthly.
                                                                                                                                                                                                    monthly/may
                                                                                                                                                                                                                                                                                                     june.
                                                  monthly
                                                                                                                  monthly.00.
                                                                                                                                                                                                                       monthly.00
                                                                                                                                                                                                                                                                                                   /\mathrm{tmp}.
   monthly monthly.00.

peorges@georges-VirtualBox:-$ touch abc1
peorges@georges-VirtualBox:-$ touch abc1
peorges@georges-VirtualBox:-$ cp abc1 april
peorges@georges-VirtualBox:-$ cp abc1 may
peorges@georges-VirtualBox:-$ cp april may monthly
peorges@georges-VirtualBox:-$ cp monthly/may monthly/
peorges@georges-VirtualBox:-$ ls monthly
peorges@georges-VirtualBox:-$ ls monthly
peorges@georges-VirtualBox:-$ mkdir monthly.00
peorges@georges-VirtualBox:-$ cp -r monthly monthly.00
peorges@georges-VirtualBox:-$ cp -r monthly.00 /tmp
peorges@georges-VirtualBox:-$
                        1) 2.
                                                                                                                          april
                                                                                                                                                          july
                                                                                                                                                                                                                                                                                               july
                       monthly.00.
                                                                                                                                               monthly.00
                                                                                                                                                                                                        monthly.01.
monthly.01
                                                                                                                                                                reports/monthly.01 reports/monthly.
                                                                    reports.
  monthly.01 reports. reports/month
georges@georges-virtualBox:~$ cd
georges@georges-virtualBox:~$ mv april july
georges@georges-virtualBox:~$ mv july monthly.00
georges@georges-virtualBox:~$ ls monthly.00
july monthly
georges@georges-virtualBox:~$ ls monthly
april june may
georges@georges-virtualBox:~$ mv monthly.00 monthly.01
georges@georges-virtualBox:~$ mv monthly.01 reports
georges@georges-virtualBox:~$ mv monthly.01 reports
georges@georges-virtualBox:~$ mv monthly.01 reports
georges@georges-virtualBox:~$ mv reports/monthly.01 reports/monthly
georges@georges-virtualBox:~$ mv reports/monthly.01 reports/monthly
                           2) 3.
                                                                                                                                    df,
                                                                                                                                                                                          fsck
```

```
ilesystem
                         1K-blocks
                                               Used Available Use% Mounted on
udev
tmpfs
                                                            456660
99092
                                                                          0% /dev
2% /run
                             456660
                                                   0
                                               1340
                             100432
                                                                   30313412
                                                          13640120
 /dev/sda5
                                         15110412
tmpfs
tmpfs
                             502152
5120
                                                    0
 tmpfs
/dev/loop1
/dev/loop2
/dev/loop3
/dev/loop3
                             101376
56832
                                            101376
                                             56832
                             212096
                                            212096
                                                                    0 100% /snap/code/65
                                                            0 100% /snap/code/65

0 100% /snap/core18/1997

0 100% /snap/flow/710

0 100% /snap/gnome-3-34-1804/66

0 100% /snap/gnome-3-34-1804/66

0 100% /snap/gtk-common-themes/1514

0 100% /snap/gtk-common-themes/1515

0 100% /snap/snap-store/518

0 100% /snap/snap-store/518

100404 1% /run/user/1000

0 100% /media/georges/VBox_GAs_6.1.2
                               56832
 /dev/loop4
/dev/loop5
                               22272
                              224256
                                            224256
  dev/loop9
 /dev/loop6
/dev/loop7
                               66432
                                              66432
                               66688
                                              66688
  dev/loop8
                               52352
 /dev/loop10
                               32896
                                              32896
                              523248
 /dev/sda1
                              100428
                                                                   0 100% /media/georges/VBox_GAs_6.1.20
 /dev/sr0
                                              59588
                               59588
                          VirtualBox:~$ fsck /dev/sda1
  sck from util-linux 2.34
 fsck.fat 4.1 (2017-01-24)
open: Permission denied
georges@georges-VirtualBox:~$
           3) 4.
                                   : 4. 1.
                                                                           /usr/include/xorg/isdv4.h
                                            equipment,
                                                                                         mv. 4. 2.
                    ^{\mathrm{cp}}
                                    es@georges-VirtualBox:~
es@georges-VirtualBox:~
es@georges-VirtualBox:~
                                                                            cp /usr/include/xorg/isdv4.h /home/georges
                                                                         $ mkdir ski.plases
                                                                        -$ mv isdv4.h equipment
-$ ■
                                        georges-VirtualBox:~$
~/ski.plases.
           4) 4. 3.
                                                                                    ~/ski.plases
                                                                                                                         mv. 4. 4.
                                                equipment
       ~/ski.plases/equipment ~/ski.plases/equiplist
                                                                                                                  mv. 4. 5.
                 abc1
                                                               ~/ski.plases
                                                                                                                        equiplist2
                                                                                                                                                        mv.
                                             -
$ mv equipment ~/ski.plases
     orges@georges-VirtualBox:~$ mv ~/ski.plases/equipment ~/ski.plases/equiplis
 georges@georges-VirtualBox:-$ mkdir abc1
mkdir: cannot create directory 'abc1': File exists
georges@georges-VirtualBox:-$ cp abc1 ~/ski.plases
georges@georges-VirtualBox:-$ mv ~/ski.plases/abc1 ~/ski.plases/equiplist2
georges@georges-VirtualBox:-$ mv ~/ski.plases/abc1 ~/ski.plases/equiplist2
            5) 4. 6.
                                                             equipment
                                                                                                  ~/ski.plases
                                                                                                                                       mkdir. 4. 7.
                                                                                                     ~/ski.plases/equipment
                     ~/ski.plases/equiplist equiplist2
mv. 4. 8.
                                                             ~/newdir
                                                                                               ~/ski.plases
                                                                                                                                     mkdir mv
                                                                                             -$ cp abc1 ~/ski.plase
                                                  corges@georges-virtualBox:~$ cp aboi ~/ski.plases
eorges@georges-VirtualBox:~$ mv ~/ski.plases/aboi ~/ski.plases/equiplist2
eorges@georges-VirtualBox:~$ cd ski.plases
eorges@georges-VirtualBox:~/ski.plases$ mkdir equipment
eorges@georges-VirtualBox:~/ski.plases$ cd
eorges@georges-VirtualBox:~$ mv ~/ski.plases/equiplist ~/ski.plases/equiplist2 ~/ski.plases/equ
              plans
            6) 5.
                                                         chmod,
                                                                                                                                   . 5. 1. drwxr-
```

```
rges-VirtualBox:~$ ls -l
                                            total 1616
                                          drwxr-xr-x 2 georges georges
drwxr-xr-x 5 georges georges
drwxr-xr-x 2 georges georges
drwxr-xr-x 2 georges georges
                                                                                                                4096 Mas 1 20:52 Desktop
4096 Mas 15 12:33 Documents
4096 Mas 15 01:11 Downloads
4096 Mas 8 21:04 gedeongeorges lab-2 files
178558 Mas 8 21:04 gedeongeorges lab-2.html
                                                                                                               4096 MAR 8 21:04 gedeongeorges_lab-2_file:
178558 MAR 8 21:04 gedeongeorges_lab-2.html
9919 MAR 15 00:42 'lab 02(1).md'
9919 MAR 15 00:42 'lab 02(2).md'
689482 MAR 15 03:05 lab02.docx
                                             rw-rw-r-- 1 georges georges
                                             rw-rw-r-- 1 georges georges
rw-rw-r-- 1 georges georges
rw-rw-r-- 1 georges georges
                                             rw-rw-r-- 1 georges georges
rw-rw-r-- 1 georges georges
rw-rw-r-- 1 georges georges
                                                                                                                  9919 MAR 15 00:42
11055 MAR 15 03:04
1461 MAR 15 00:41
                                                                                                                                                                   lab02.md
                                                                                                                                                                   lab03.docx
                                                                                                                                                                   lab03.md
                                             rw-rw-r-- 1 georges georges
rw-rw-r-- 1 georges georges
rw-rw-r-- 1 georges georges
                                                                                                                670823 MAR 15 01:19
11497 MAR 15 00:42
0 MAR 15 11:20
                                                                                                                                                                   lab04.docx
                                                                                                                                                                  lab04.md
                                                                                                                                                                  may
                                          drwxr-xr-x 2 georges georges
drwxr-xr-x 2 georges georges
drwxr-xr-x 3 georges georges
drwxr-xr-x 2 georges georges
drwxr-xr-x 4 georges georges
                                                                                                                    0 May 1 11:34 Music
4096 Mag 1 11:34 Pictures
4096 Mag 8 15:39 Program
4096 Mag 1 11:34 Public
4096 Mag 14 02:50 Snap
4096 Mag 15 12:30 Templates
                                                                                                                                                                  snap
Templates
                                           drwxr-xr-x 3 georges georges
drwxr-xr-x 2 georges georges
                                             lrwxr-xr-x 2 georges georges 4096 mag 1 11:34
peorges@georges-VirtualBox:-$ chmod g-x lab02.md
peorges@georges-VirtualBox:-$ chmod g-x lab02.md
                                             georges@georges-VirtualBox:~$ chmod g-w lab02.md
                                                               georges-VirtualBox:~$ ls -l
                                         rw-rw-r-- 1 georges georges 1461 mag 15 00:41
rw-rw-r-- 1 georges georges 670823 mag 15 01:19
rw-rw-r-- 1 georges georges 11497 mag 15 00:42
                                                                                                                                                                   lab03.md
                                                                                                                                                                   lab04.docx
                                                                                                                                                                   lab04.md
rw-rw-r-- 1 georges georges chwxr-xr-x 2 georges georges drwxr-xr-x 2 georges georges drwxr-xr-x 2 georges georges drwxr-xr-x 3 georges georges
                                                                                                                     0 May 15 11:20 may
4096 May 1 11:34 Music
4096 May 1 11:34 Pictures
4096 May 8 15:39 program
```

3

```
georges-VirtualBox:~$ mkdir
georges-VirtualBox:~$ ls -l
                                                                                                                                               total 1620
drwxr-xr-x 2 georges georges 4096 mag 1 20:52
drwxr-xr-x 5 georges georges 4096 mag 15 12:33
drwxr-xr-x 2 georges georges 4096 mag 15 01:11
drwxr-xr-x 2 georges georges 4096 mag 15 01:11
Downloads
drwxr-xr-x 2 georges georges 178558 mag 8 21:04
-rw-rw-r-- 1 georges georges 9919 mag 15 00:42
-rw-rw-r-- 1 georges georges 9919 mag 15 00:42
-rw-rw-r-- 1 georges georges 689482 mag 15 03:05
-rw-rw-r-- 1 georges georges 919 mag 15 00:42
-rw-rw-r-- 1 georges georges 91055 mag 15 03:04
-rw-rw-r-- 1 georges georges 1055 mag 15 03:04
-rw-rw-rw-r-- 1055 mag 15 03:04
-rw-rw-rw-r-- 1055 mag 15 03:04
-rw-rw-rw-r-- 1055 mag 15 03:04
                                                                                                                                                   -rw-rw-r-- 1 georges georges 9919 Mas 15 00:42

-rw-rw-r-- 1 georges georges 11055 Mas 15 00:41

-rw-rw-r-- 1 georges georges 670823 Mas 15 01:19

-rw-rw-r-- 1 georges georges 11497 Mas 15 00:42
                                                                                                                                                                                                                                                                                                                                                                                     lab03.docx
                                                                                                                                                                                                                                                                                                                                                                                    lab03.md
                                                                                                                                                                                                                                                                                                                                                                                    lab04.docx
                                                                                                                                                                                                                                                                                                                                                                                     lab04.md
                                                                                                                                              -rw-rw-r-- 1 georges georges
drwxr-xr-x 2 georges georges
drwxr-xr-x 2 georges georges
drwxrwxr-x 2 georges georges
drwxrwxr-x 3 georges georges
drwxr-xr-x 2 georges georges
drwxr-xr-x 4 georges georges
drwxr-xr-x 2 georges georges
drwxr-xr-x 2 georges georges
drwxr-xr-x 2 georges georges
georges@georges-VirtualBox:-$
georges@georges-VirtualBox:-$
                                                                                                                                                                                                                                                                                            11497 Max 15 11:20 may
0 Max 15 11:20 may
4096 Max 1 11:34 Music
4096 Max 1 11:34 Pictures
4096 Max 15 12:39 play
4096 Max 8 15:39 program
4096 Max 1 11:34 Public
                                                                                                                                                                                                                                                                                              4096 мая 14 02:50
                                                                                                                                                                                                                                                                                            4096 мая 15 12:30 Templates
4096 мая 1 11:34 Videos
                                                                                                                                                                                                                                                                                        chmod go-r,g-w play
                                                                                                                                                                                       georges-VirtualBox:~$ ls -l
                                                                                                                                                  total 1620
                                                                                                                                               -rw-rw-r-- 1 georges georges 9919 Man 15 00:42 '-rw-rw-r-- 1 georges georges 689482 Man 15 03:05 '-rw-r--r-- 1 georges georges 9919 Man 15 03:05 '-rw-r--r-- 1 georges georges 9919 Man 15 00:42 '-rw-rw-r-- 1 georges georges 11055 Man 15 03:04 '-rw-rw-r-- 1 georges georges 1461 Man 15 00:41 '-rw-rw-r-- 1 georges georges 670823 Man 15 01:19 '-rw-rw-r-- 1 georges georges 11497 Man 15 00:42
                                                                                                                                                                                                                                                                                                                                                                                    lab02.docx
                                                                                                                                                                                                                                                                                                                                                                                     lab02.md
                                                                                                                                                                                                                                                                                                                                                                                     lab03.docx
                                                                                                                                                                                                                                                                                                                                                                                      lab03.md
                                                                                                                                                                                                                                                                                                                                                                                      lab04.docx
```

(

```
total 1620
                                                                     drwxr-xr-x 2
                                                                                                                            4096 мая 1 20:52
                                                                                           georges georges
                                                                                                                           4096 MAR 15 12:33
4096 MAR 15 01:11
                                                                      drwxr-xr-x 5
                                                                                           georges georges
                                                                      drwxr-xr-x 2
                                                                                           georges georges
                                                                                                                           4096 MAR 15 01:11
4096 MAR 8 21:04
78558 MAR 8 21:04
9919 MAR 15 00:42
9919 MAR 15 00:42
                                                                      drwxr-xr-x 2
                                                                                           georges georges
                                                                                                                                                            gedeongeorges_lab-2.html
'lab 02(1).md'
'lab 02(2).md'
                                                                                           georges georges 178558 мая
                                                                      -rw-rw-r--
                                                                                           georges georges
georges georges
                                                                       rw-rw-r--
                                                                                           georges georges 689482 Max 15 03:05
georges georges 9919 Max 15 00:42
georges georges 11055 Max 15 03:04
                                                                                                                                                             lab02.docx
                                                                                                                                                             lab02.md
lab03.docx
                                                                       rw-rw-r--
                                                                                           georges georges
                                                                                                                           1461 мая 15 00:41
                                                                                                                                                             lab03.md
                                                                                           georges georges 670823 Mag 15 01:19
georges georges 11497 Mag 15 00:42
                                                                       rw-rw-r--
                                                                                                                                                             lab04.docx
                                                                      rw-rw-r--
                                                                                                                                                             lab04.md
                                                                                           georges georges
                                                                                                                                0 мая 15 11:20
                                                                                                                           0 MAN 15 11:20
4096 MAR 1 11:34
4096 MAR 1 11:34
4096 MAR 15 12:39
4096 MAR 8 15:39
4096 MAR 1 11:34
                                                                                           georges georges
georges georges
georges georges
                                                                      drwxr-xr-x 2
                                                                      drwxr-xr-x 2
                                                                                           georges georges
georges georges
                                                                                                                                                            program
Public
                                                                      drwxrwxr-x 3
                                                                     drwxr-xr-x 2
                                                                                           georges georges
                                                                                                                           4096 Mag 14 02:50 snap
4096 Mag 15 12:30 Templates
4096 Mag 1 11:34 Videos
                                                                                                                            4096 мая 14 02:50
                                                                     drwxr-xr-x 3 georges georges
drwxr-xr-x 2 georges georges
                                                                                                                      -$ chmod u-w,u+x,g-x program
                                                                                     eorges-VirtualBox:~$ ls -l
                                                                      total 1620
                                                                                          georges georges 4096 mas 15 12:33 georges georges 4096 mas 15 01:11 georges georges 4096 mas 8 21:04 georges georges 178558 mas 8 21:04 georges georges 9919 mas 15 00:42 0919 mas 15 00:42
                                                                                                                           4096 мая 1 20:52 Desktop
4096 мая 15 12:33 Document
4096 мая 15 01:11 Download
                                                                      drwxr-xr-x 2
                                                                                           georges georges
                                                                                                                                                            Documents
Downloads
                                                                      drwxr-xr-x 5
                                                                      drwxr-xr-x 2
                                                                      drwxr-xr-x
                                                                                                                                                            gedeongeorges_lab-2.html
'lab 02(1).md'
'lab 02(2).md'
                                                                                          georges georges 9919 mag 15 00:42
georges georges 9919 mag 15 00:42
georges georges 689482 mag 15 00:042
georges georges 9919 mag 15 00:42
                                                                      rw-rw-r--
                                                                                                                                                             lab02.docx
lab02.md
                                                                       rw-rw-r--
                                                                                           georges georges
georges georges
                                                                                                                        11055 мая 15 03:04
                                                                                           georges georges 1461 Max 15 00:41
georges georges 670823 Max 15 01:19
georges georges 11497 Max 15 00:42
                                                                                                                                                             lab03.md
lab04.docx
                                                                       rw-rw-r--
                                                                       rw-rw-r--
                                                                       rw-rw-r--
            8) 5. 3. -r-xr-r- ... my_os|
                                                                                         georges-VirtualBox:~$ touch feathers
                                                                                          georges-VirtualBox:~$ ls -l
                                                                           total 1620
                                                                          drwxr-xr-x 2 georges georges
                                                                                                                                   4096 MAR 1 20:52
4096 MAR 15 12:33
4096 MAR 15 01:11
                                                                          drwxr-xr-x 5 georges georges
drwxr-xr-x 2 georges georges
                                                                                                                               0 MAR 15 12:46
4096 MAR 8 21:04
178558 MAR 8 21:04
                                                                            rw-rw-r--
                                                                                                 georges georges
                                                                           drwxr-xr-x 2 georges georges
-rw-rw-r-- 1 georges georges
           -rw-rw-r- 1 georges georges 178558 man 8 21:04 gedeongeorges lab-2-files
-rw-rw-r- 1 georges georges 178558 man 8 21:04 gedeongeorges_lab-2-files
-rw-rw-r- 1 georges georges 9919 man 15 00:42 'lab 02(1).md'
-rw-rw-r- 1 georges georges 689482 man 15 00:42 'lab 02(2).md'
-rw-rw-r- 1 georges georges 689482 man 15 00:42 lab02.docx
-rw-rw-r- 1 georges georges 9919 man 15 00:42 lab02.md
             10) 6.
                                                                                                 /etc/password.
                  : 6.
                                   1.
                      ges-VirtualBox:~$ ls
                                                                         lab02.docx
                                                                                                lab04.docx
                   gedeongeorges_lab-2.html
'lab 02(1).md'
                                                                                                                                           Templates
Videos
                                                                         lab02.md
                                                                                                lab04.md
 Downloads 'lab 02(1).md'
feathers 'lab 02(2).md'
georges@georges-VirtualBox:
                                                                         lab03.docx
                                                                         lab03.md
             11) 6. 2.
                                                          ~/feathers
                                                                                              ~/file.old
                                                                                                                                cp. 6. 3.
                                                                           orges@georges-VirtualBox:~$
orges@georges-VirtualBox:~$
                                                                                                                                  ~/feathers ~/file.old
~/file.old ~/play
~/file.old
                                 ~/play
                                                             mv.
              12) 6.
                                4.
                                                                                                              ~/fun
                                                                                                                                                               6.
                                                                                                                                                                         5.
                                                                           ~/play
                                                                                                                                           cp -r.
                                                                \sim/play
                              ~/fun
                                                                                                 mv
                                                                                                                                      games
                                                                                                                                                                     mv.
```

```
13) 6.
                                                    ~/feathers
                                                                                               chmod u-
            7.
      6.
                                                    \sim/feathers
                                                                                                : 6.
                                                                             cat,
                                  \sim/feathers
                                                                             :
                                                                                  6.
                                                                                         9.
                                                           cp,
                                                                             10.
      ~/feathers
                                                 chmod u+r.
~/play
                                       chmod u-x. 6.
                                                                                                    ~/play
                                                                                            chmod u+x.
         \operatorname{cd}.
                                                    ~/play
 at: feathers: Permission denied
     Teathers: Permission denied ges@georges-VirtualBox:-$ cp ~/feathers ~/play cannot open '/home/georges/feathers' for reading: Permission denied ges@georges-VirtualBox:-$ chmod u+r feathers ges@georges-VirtualBox:-$ chmod u-x play
 peorges@georges-VirtualBox:-$ cd ~/play
pash: cd: /home/georges/play: Permission denied
peorges@georges-VirtualBox:-$ chmod u+x play
       14) 7.
                        man
                                         mount, fsck, mkfs, kill.
        15) #
                      : ###
                                                                 Linux,
                                                                                            . 1.
         ),
                                                                         : abc1, april, may, june,
july, isdv4.h, equipment, equiplist, equiplist2, my_os, feathers, file.old.
monthly, monthly.00, tmp, monthly.01, reports, usr, include, xorg, ski.plases,
equipment, newdir, plans, australia, play, etc, fun, games. 2.
               : /home/pdarzhankina/monthly/april,
                                                                             /home/pdarzhankina -
                 /monthly -
                                                                                , / pril –
mode (
onode). -
                                                                           inode
                          inode (
                                          inode
                                                             inode,
                                      inode
                                                                           . 6.
                   fsck. 5.
                                       mkfs
                                         less
                                                head,
                                                                                     10
tail
                                   10)
                                                                                            cp: -
                                                           . 7.
i
           ^{\mathrm{cp}}
                                          r (recursive)
                              cp
                  . 8.
```

. mv - .