

РОССИЙСКИЙ УНИВЕРСИТЕТ ДРУЖБЫ НАРОДОВ

Факультет физико-математических и естественных наук

Кафедра прикладной информатики и теории вероятностей

ОТЧЕТ

ПО ЛАБОРАТОРНОЙ РАБОТЕ № 1

дисциплина: *Архитектура компьютера*

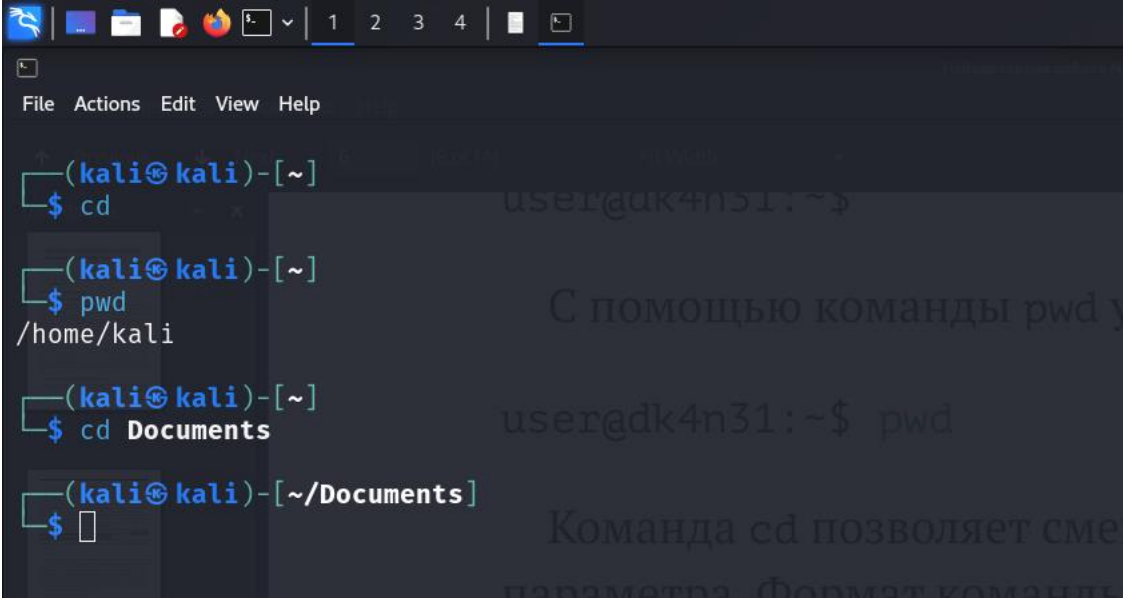
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Группа: НКАбд-05-24

МОСКВА

2024г.

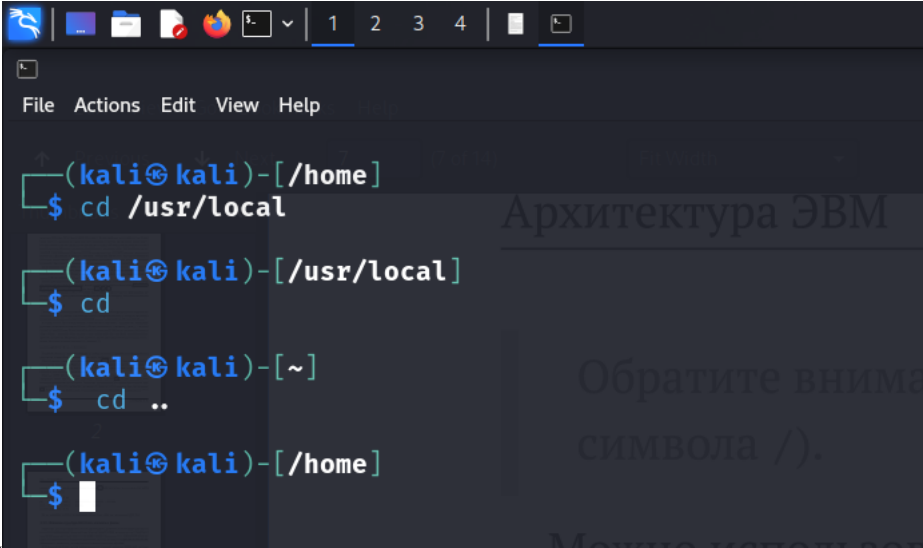
Цель – учимся использовать linux без графической оболочки



```
(kali㉿kali)-[~]  
$ cd  
  
(kali㉿kali)-[~]  
$ pwd  
/home/kali  
  
(kali㉿kali)-[~]  
$ cd Documents  
  
(kali㉿kali)-[~/Documents]  
$
```

1

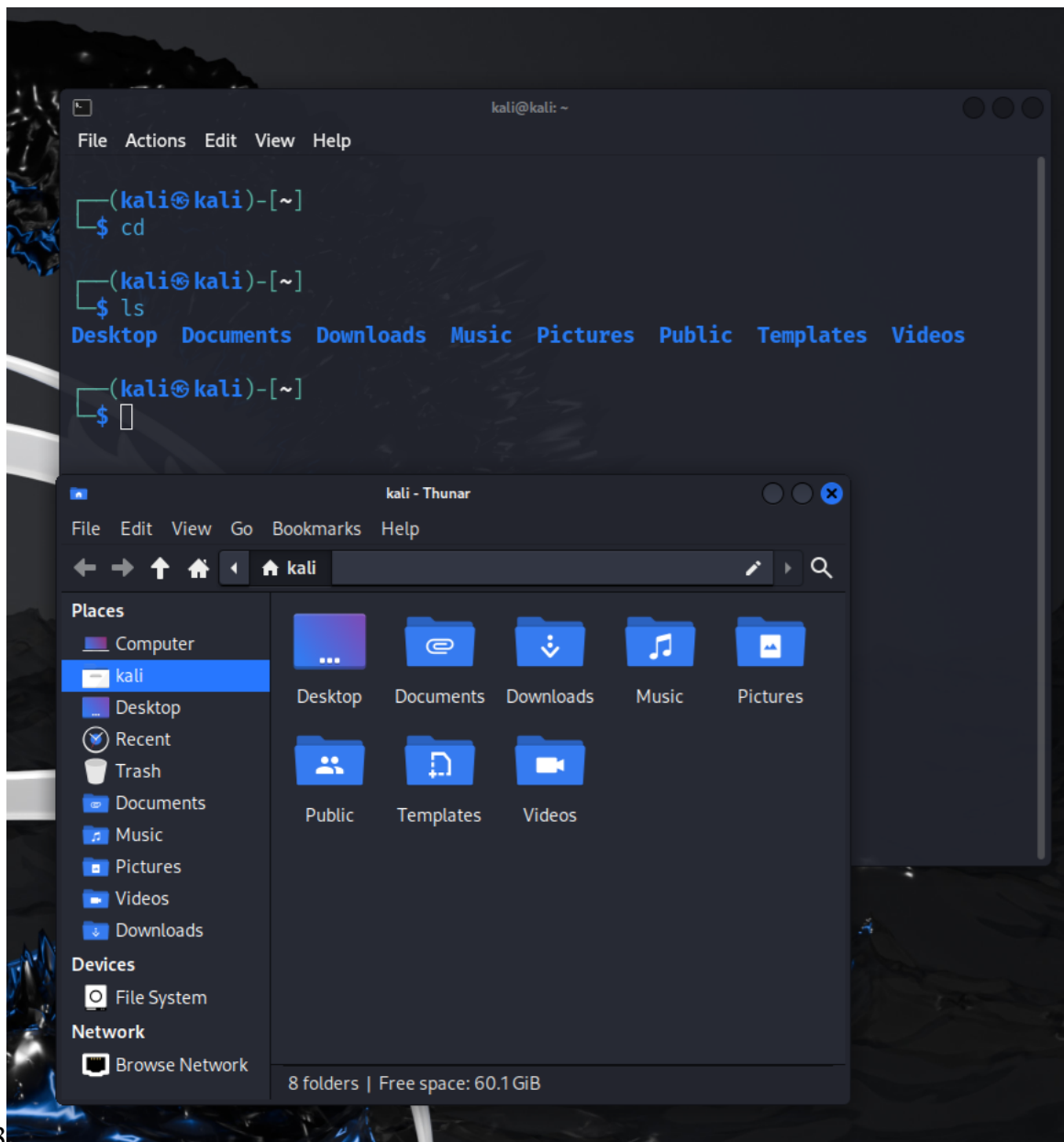
Перемещение по директориям и полный путь



```
(kali㉿kali)-[/home]  
$ cd /usr/local  
  
(kali㉿kali)-[/usr/local]  
$ cd  
  
(kali㉿kali)-[~]  
$ cd ..  
  
(kali㉿kali)-[/home]  
$
```

2

Перемещаемся по директориям



3

Вывод всех файлов в папке

```
kali@kali: ~  
File Actions Edit View Help  
  
(kali@kali)-[~]  
$ ls  
Desktop Documents Downloads Music Pictures Public Templates Videos  
(kali@kali)-[~]  
$ ls Documents  
hello1  
(kali@kali)-[~]  
$ ls /usr/local  
bin etc games include lib libexec man sbin share src  
(kali@kali)-[~]  
$
```

4
Проверка номер 2

```
(kali㉿kali)-[~]
$ ls -a /usr/local
. .. bin etc games include lib libexec man sbin

(kali㉿kali)-[~]
$ ls -R /usr/local
/usr/local:
bin etc games include lib libexec man sbin share

/usr/local/bin:

/usr/local/etc:

/usr/local/games:

/usr/local/include:

/usr/local/lib:
python2.7 python3.11

/usr/local/lib/python2.7:
dist-packages site-packages

/usr/local/lib/python2.7/dist-packages:

/usr/local/lib/python2.7/site-packages:

/usr/local/lib/python3.11:
dist-packages

/usr/local/lib/python3.11/dist-packages:

/usr/local/libexec:

/usr/local/sbin:

/usr/local/share:
ca-certificates fonts man sgml texmf xml zsh

/usr/local/share/ca-certificates:

/usr/local/share/fonts:

/usr/local/share/man:
man1

/usr/local/share/man/man1:
5 pwsh.1.gz
```

Играемся с флажками команды ls

```
File Actions Edit View Help
└─$ ls -h /usr/local
bin etc games include lib libexec man sbin share src

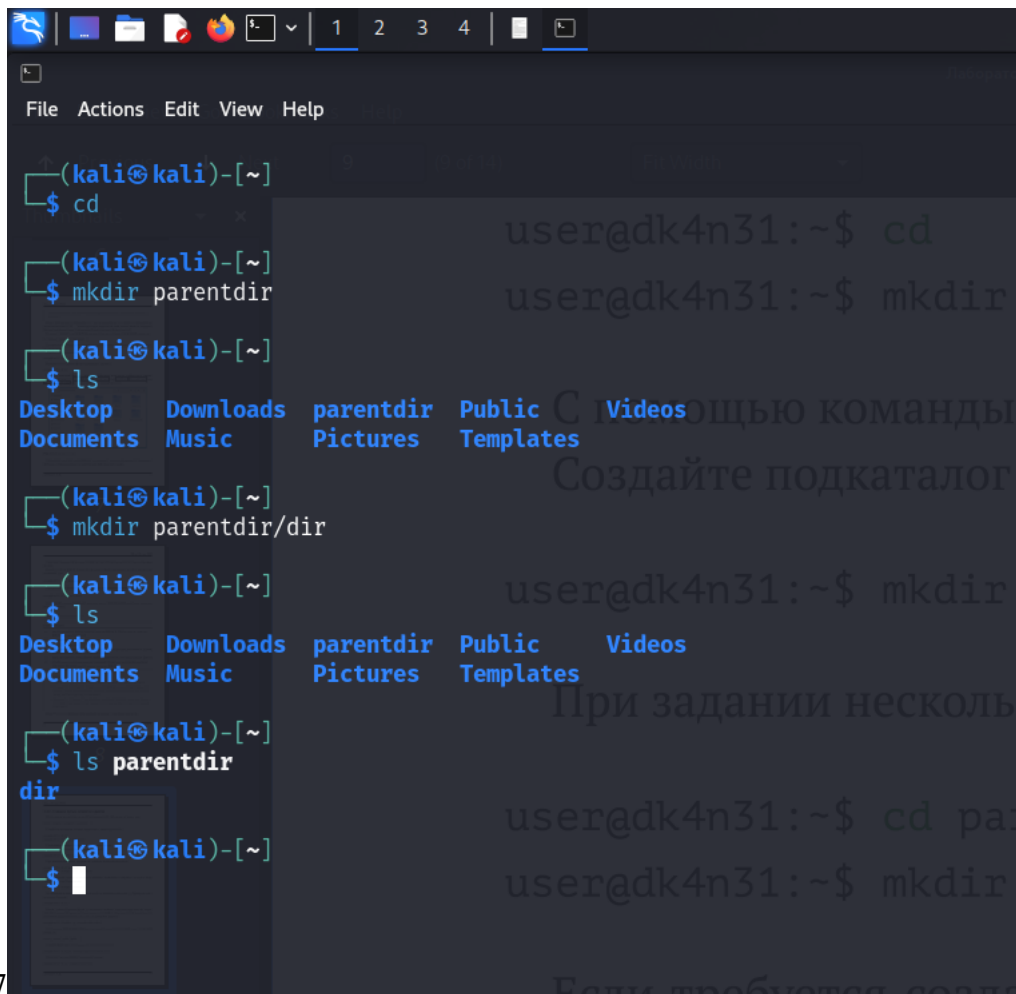
(kali㉿kali)-[~]
└─$ ls -l /usr/local
total 36
drwxr-xr-x 2 root root 4096 Aug 18 15:37 bin
drwxr-xr-x 2 root root 4096 Aug 18 15:37 etc
drwxr-xr-x 2 root root 4096 Aug 18 15:37 games
drwxr-xr-x 2 root root 4096 Aug 18 15:37 include
drwxr-xr-x 4 root root 4096 Aug 18 15:44 lib
drwxr-xr-x 2 root root 4096 Aug 18 15:37 libexec
lrwxrwxrwx 1 root root 9 Aug 18 15:37 man → share/man
drwxr-xr-x 2 root root 4096 Sep 14 13:43 sbin
drwxr-xr-x 9 root root 4096 Aug 18 15:52 share
drwxr-xr-x 2 root root 4096 Aug 18 15:37 src

(kali㉿kali)-[~]
└─$ ls -i /usr/local
402145 bin 402169 games 402171 lib 402146 man 402148 share
402168 etc 402144 include 402147 libexec 402170 sbin 402143 src

(kali㉿kali)-[~]
└─$ ls -d /usr/local
/usr/local

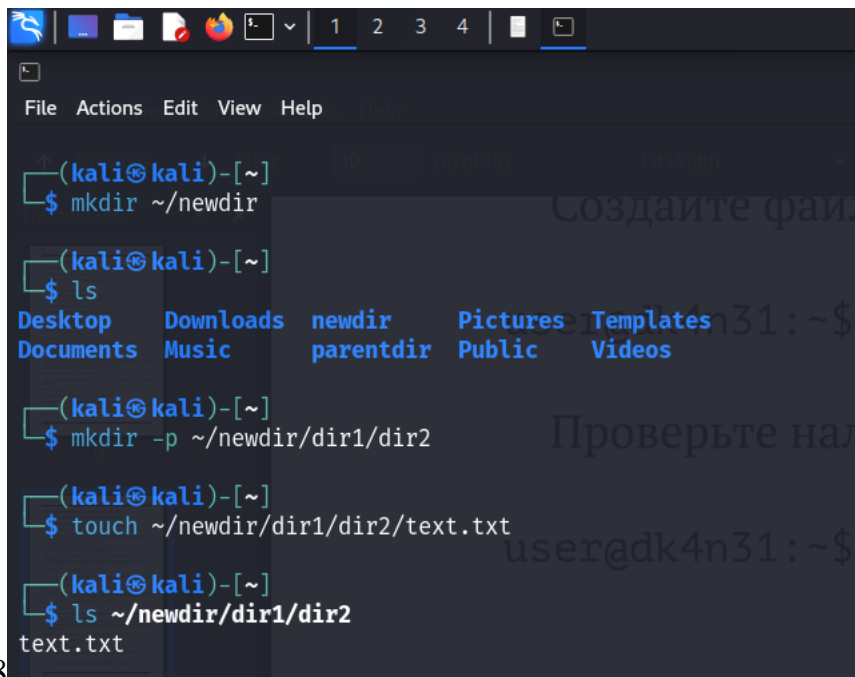
(kali㉿kali)-[~]
└─$
```

И тут тоже



7

Создание папок



8

```
kali@kali: ~  
File Actions Edit View Help  
  
(kali@kali)-[~]  
$ rm -i ~/newdir/dir1/dir2/*.txt  
rm: remove regular empty file '/home/kali/newdir/dir1/dir2/text.txt'?  
  
(kali@kali)-[~]  
$ rm -R ~/newdir ~/parentdir/dir*  
  
(kali@kali)-[~]  
$ ls ~/newdir  
ls: cannot access '/home/kali/newdir': No such file or directory  
  
(kali@kali)-[~]  
$ ls  
Desktop Downloads parentdir Public Videos  
Documents Music Pictures Templates  
  
(kali@kali)-[~]  
$
```

9

Удаление файлов с подтверждением


```
File Actions Edit View Help
(kali@kali)-[~]
$ touch
parentdir1/dir1/test1.txt parentdir2/dir2/test2.txt
touch: missing file operand
Try 'touch --help' for more information.
zsh: no such file or directory: parentdir1/dir1/test1.txt

(kali@kali)-[~]
$ touch parentdir1/dir1/test1.txt parentdir2/dir2/test2.txt

(kali@kali)-[~]
$ mv parentdir1/dir1/test1.txt parentdir3

(kali@kali)-[~]
$ cp parentdir2/dir2/test2.txt parentdir3

(kali@kali)-[~]
$ ls parentdir3
test1.txt test2.txt

(kali@kali)-[~]
$ ls parentdir2/dir2
test2.txt

(kali@kali)-[~]
$
```

10

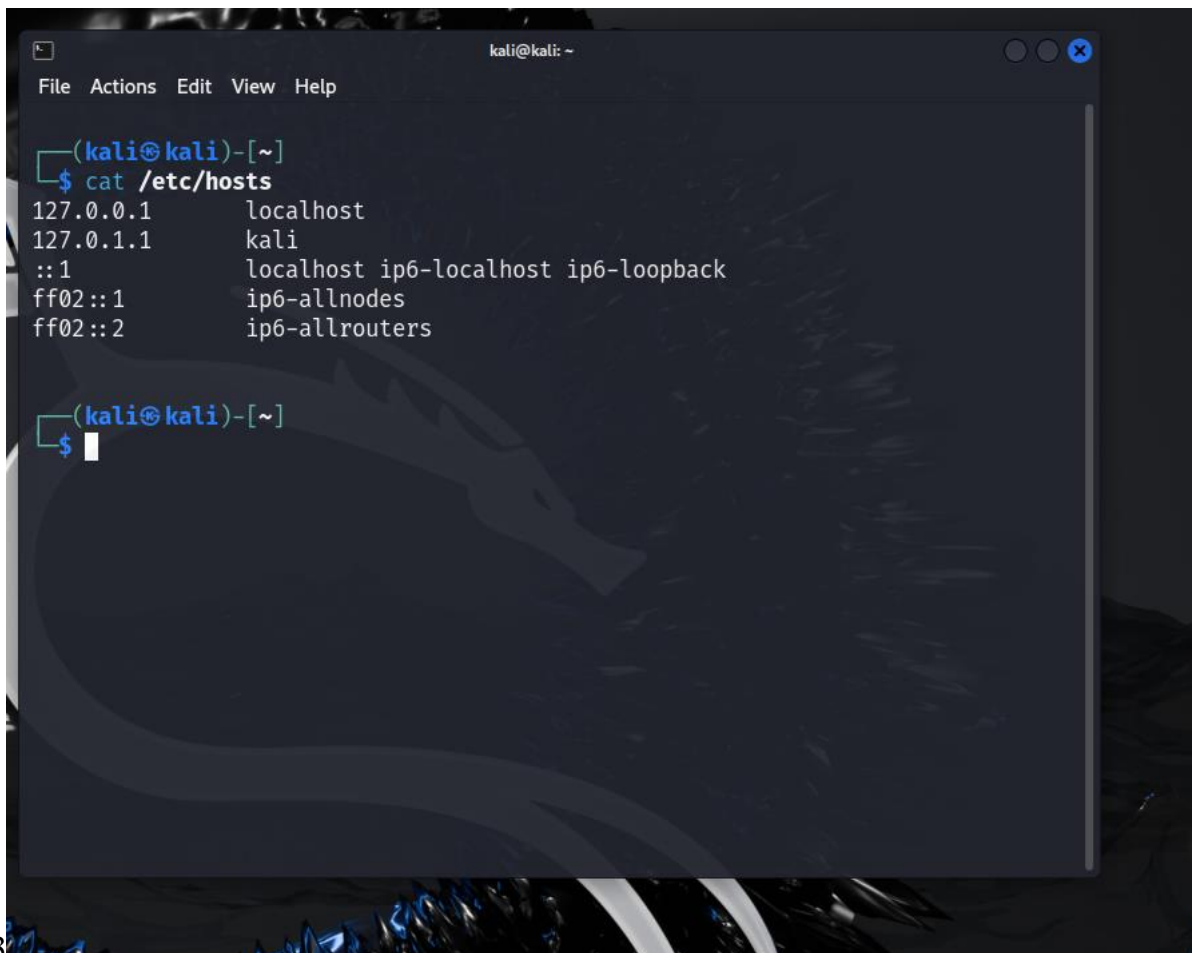
Создание txt файла , копирование и перемещение

```
kali@kali: ~  
File Actions Edit View Help  
parentdir3/subtest2.txt  
(kali@kali)-[~]  
$ ls parentdir3  
test1.txt test2.txt  
(kali@kali)-[~]  
$ cp parentdir3/test2.txt parentdir3/subtest2.txt  
(kali@kali)-[~]  
$ mv -i parentdir3/test1.txt parentdir3/newtest.txt  
parentdir3/newtest.txt  
(kali@kali)-[~]  
$ ls parentdir3  
newtest.txt subtest2.txt test2.txt  
(kali@kali)-[~]  
$
```

11

```
kali@kali: ~/parentdir1  
File Actions Edit View Help  
(kali@kali)-[~]  
$ cd parentdir1  
(kali@kali)-[~/parentdir1]  
$ ls  
dir1  
(kali@kali)-[~/parentdir1]  
$ mv dir1 newdir  
(kali@kali)-[~/parentdir1]  
$ ls  
newdir  
(kali@kali)-[~/parentdir1]  
$
```

12

A terminal window titled 'kali@kali: ~' with a menu bar (File, Actions, Edit, View, Help). The prompt is '(kali@kali)-[~]'. The command 'cat /etc/hosts' has been executed, displaying the following content:

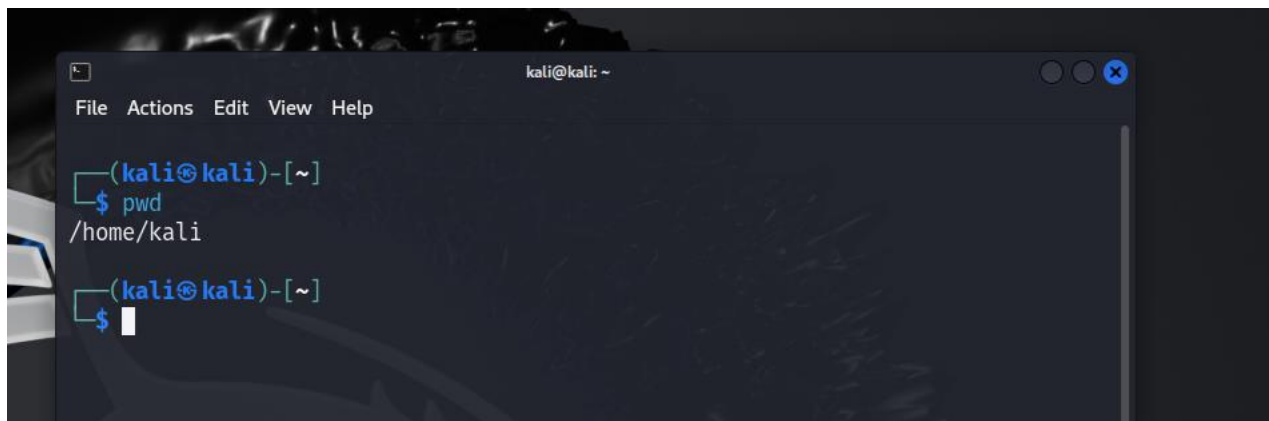
```
127.0.0.1      localhost
127.0.1.1      kali
::1           localhost ip6-localhost ip6-loopback
ff02::1       ip6-allnodes
ff02::2       ip6-allrouters
```

The prompt is now '\$'.

13

Чтение файлов

14

A terminal window titled 'kali@kali: ~' with a menu bar (File, Actions, Edit, View, Help). The prompt is '(kali@kali)-[~]'. The command 'pwd' has been executed, displaying the output '/home/kali'. The prompt is now '\$'.

Полный путь

15 В папке tmp хранится журнал событий и временные файлы – поэтому показывает разные пути