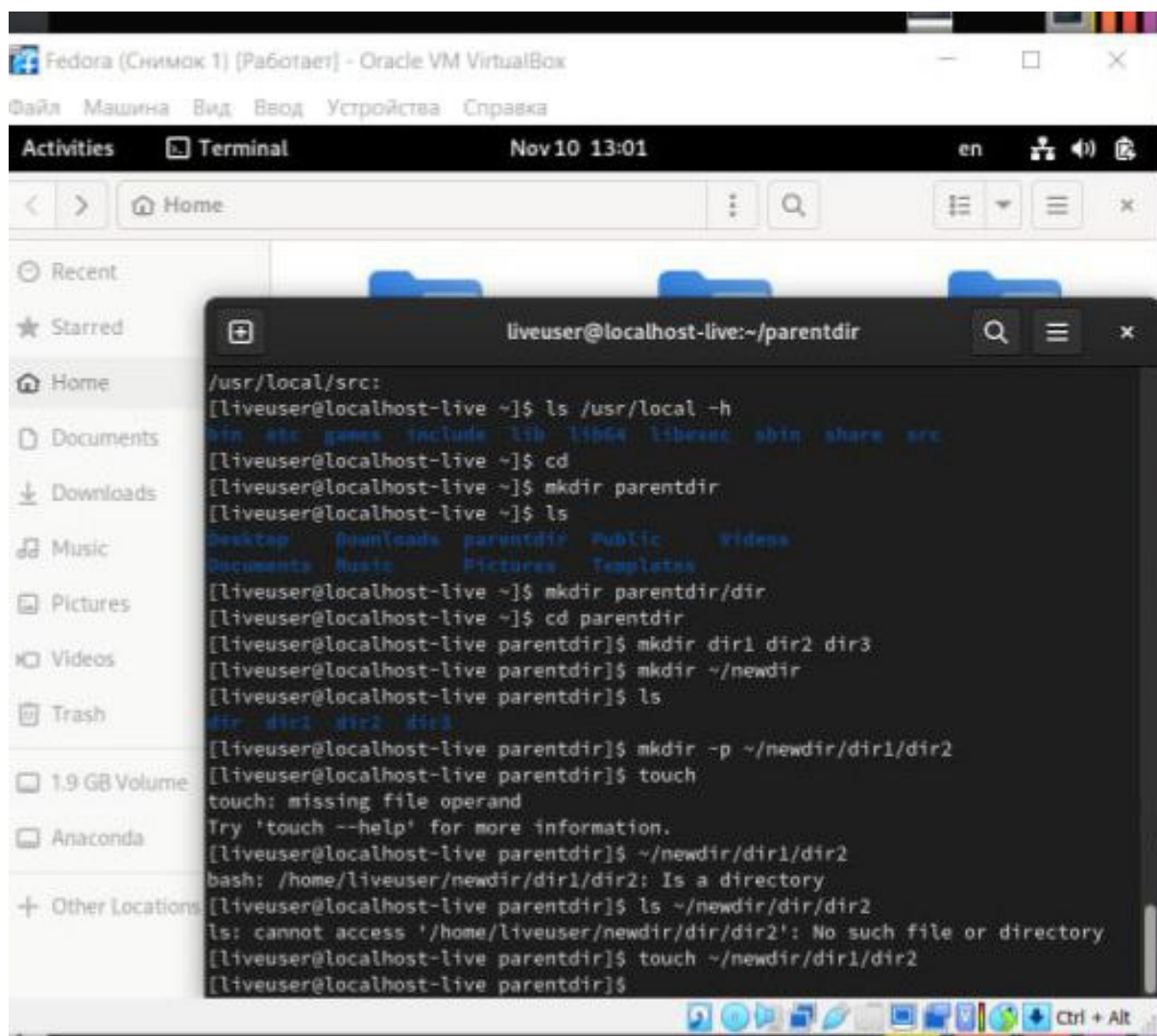


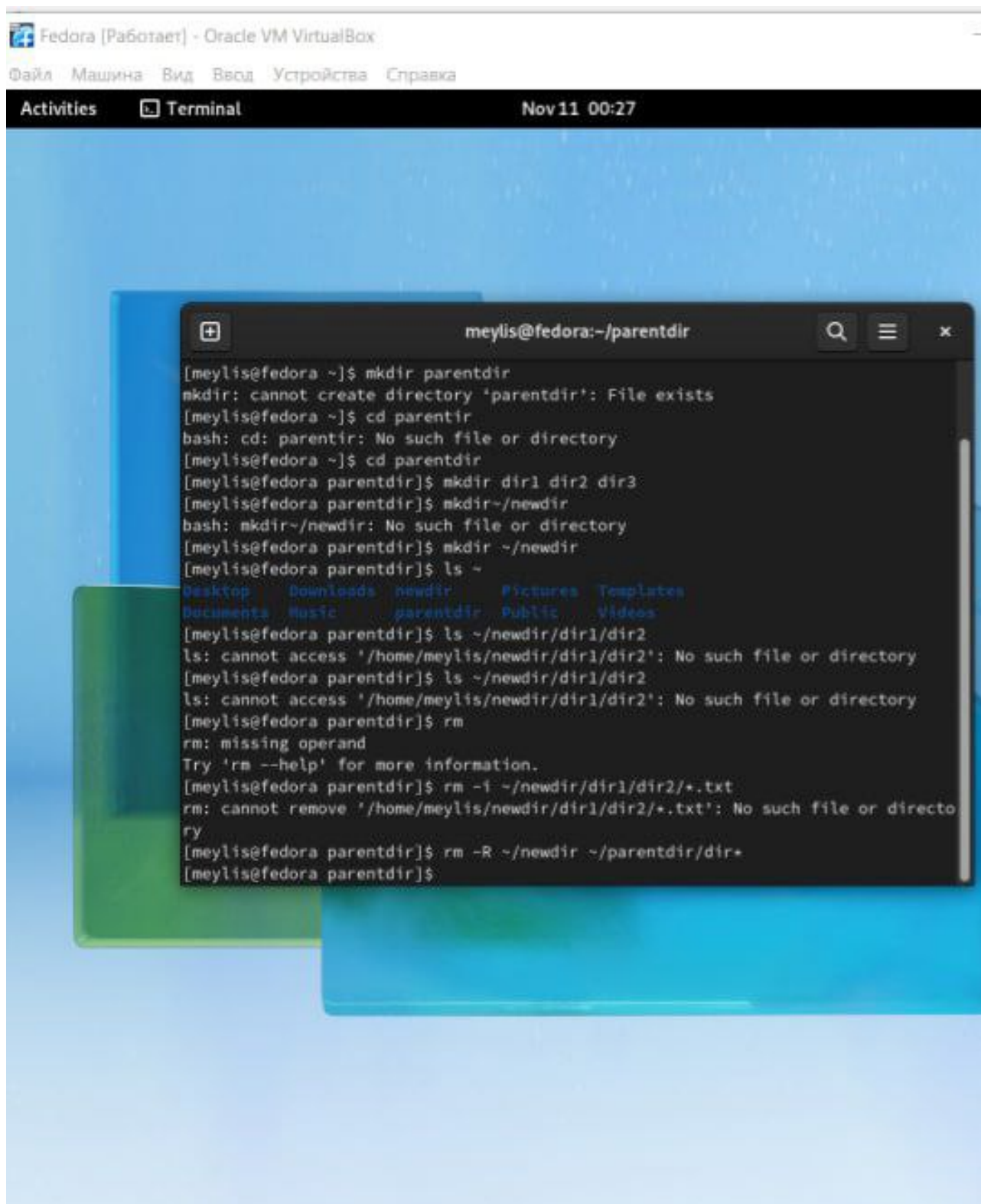
Для удаления пустых каталогов можно воспользоваться командой `rmdir`



The screenshot shows a terminal window titled "liveuser@localhost-live:~/parentdir". The terminal output is as follows:

```
/usr/local/src:
[liveuser@localhost-live ~]$ ls /usr/local -h
bin  etc  games  include  lib  lib64  libexec sbin  share  src
[liveuser@localhost-live ~]$ cd
[liveuser@localhost-live ~]$ mkdir parentdir
[liveuser@localhost-live ~]$ ls
Desktop  Downloads  parentdir  Public  Videos
Documents  Music  Pictures  Templates
[liveuser@localhost-live ~]$ mkdir parentdir/dir
[liveuser@localhost-live ~]$ cd parentdir
[liveuser@localhost-live parentdir]$ mkdir dir1 dir2 dir3
[liveuser@localhost-live parentdir]$ mkdir ~/newdir
[liveuser@localhost-live parentdir]$ ls
dir  dir1  dir2  dir3
[liveuser@localhost-live parentdir]$ mkdir -p ~/newdir/dir1/dir2
[liveuser@localhost-live parentdir]$ touch
touch: missing file operand
Try 'touch --help' for more information.
[liveuser@localhost-live parentdir]$ ~/newdir/dir1/dir2
bash: /home/liveuser/newdir/dir1/dir2: Is a directory
[liveuser@localhost-live parentdir]$ ls ~/newdir/dir/dir2
ls: cannot access '/home/liveuser/newdir/dir/dir2': No such file or directory
[liveuser@localhost-live parentdir]$ touch ~/newdir/dir1/dir2
[liveuser@localhost-live parentdir]$
```

Для демонстрации работы команд `sr` и `mv` переведем следующие примеры. Создайте следующие файлы и каталоги в домашнем каталоге:



The screenshot shows a terminal window titled "meylis@fedora:~/parentdir" within a Fedora VM. The terminal displays a series of commands and their outputs, demonstrating the creation and subsequent deletion of a directory structure. The commands include `mkdir` to create directories, `cd` to change the current directory, `ls` to list directory contents, and `rm` to remove files and directories. The output shows errors for non-existent paths and successful execution for the final recursive removal command.

```
[meylis@fedora ~]$ mkdir parentdir
mkdir: cannot create directory 'parentdir': File exists
[meylis@fedora ~]$ cd parentir
bash: cd: parentir: No such file or directory
[meylis@fedora ~]$ cd parentdir
[meylis@fedora parentdir]$ mkdir dir1 dir2 dir3
[meylis@fedora parentdir]$ mkdir ~/newdir
bash: mkdir ~/newdir: No such file or directory
[meylis@fedora parentdir]$ mkdir ~/newdir
[meylis@fedora parentdir]$ ls ~
Desktop  Downloads  newdir  Pictures  Templates
Documents  Music  parentdir  Public  Videos
[meylis@fedora parentdir]$ ls ~/newdir/dir1/dir2
ls: cannot access '/home/meylis/newdir/dir1/dir2': No such file or directory
[meylis@fedora parentdir]$ ls ~/newdir/dir1/dir2
ls: cannot access '/home/meylis/newdir/dir1/dir2': No such file or directory
[meylis@fedora parentdir]$ rm
rm: missing operand
Try 'rm --help' for more information.
[meylis@fedora parentdir]$ rm -f ~/newdir/dir1/dir2/*.txt
rm: cannot remove '/home/meylis/newdir/dir1/dir2/*.txt': No such file or directory
[meylis@fedora parentdir]$ rm -R ~/newdir ~/parentdir/dir*
[meylis@fedora parentdir]$
```

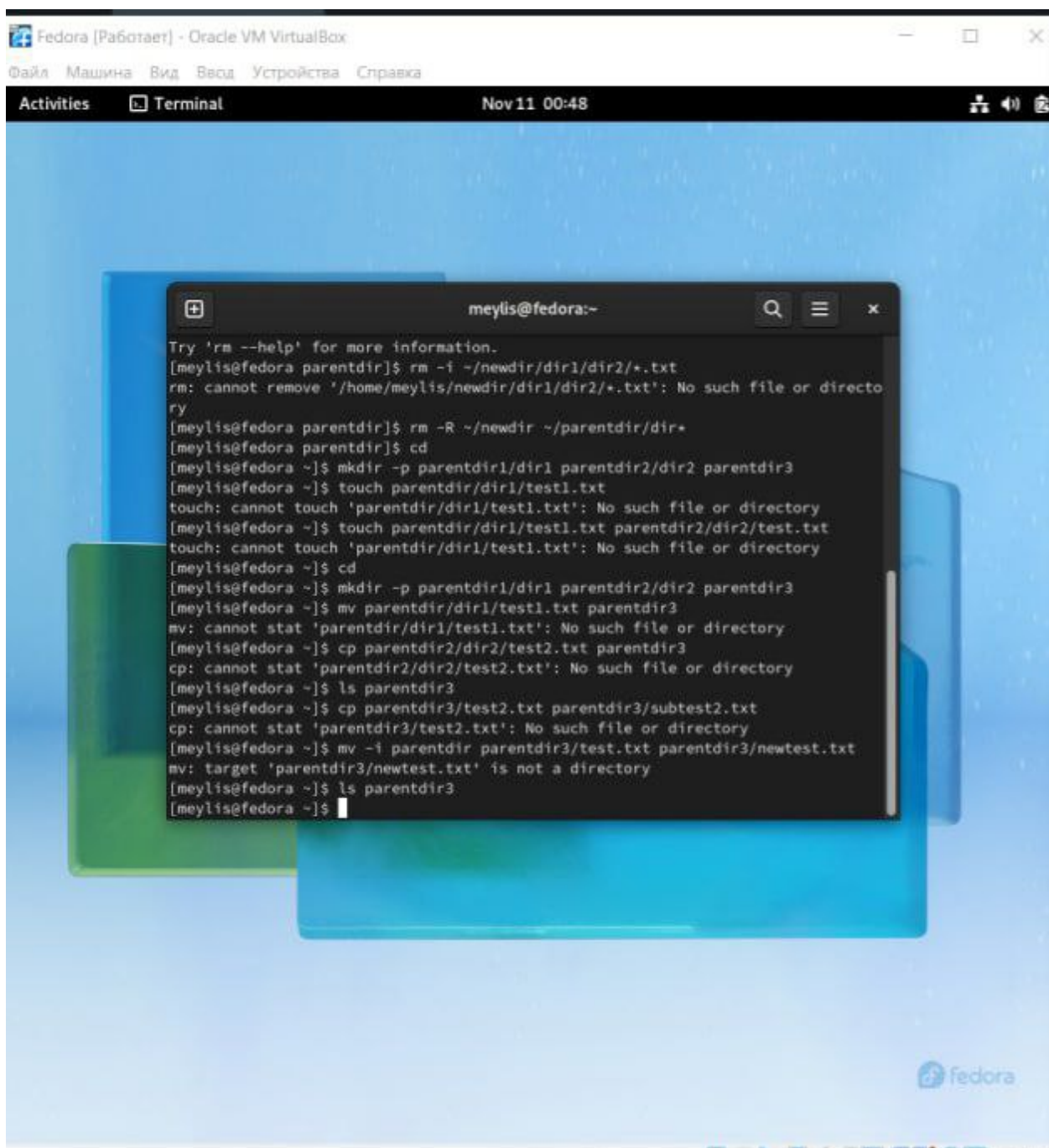
# Самостоятельная работа



The screenshot shows a Fedora [Работаer] - Oracle VM VirtualBox window. The terminal window is titled 'meylis@fedora:~/parentdir1' and displays the following commands and output:

```
[meylis@fedora ~]$ mkdir -p parentdir1/dir1 parentdir2/dir2 parentdir3
[meylis@fedora ~]$ touch parentdir/dir1/test1.txt
touch: cannot touch 'parentdir/dir1/test1.txt': No such file or directory
[meylis@fedora ~]$ touch parentdir/dir1/test1.txt parentdir2/dir2/test.txt
touch: cannot touch 'parentdir/dir1/test1.txt': No such file or directory
[meylis@fedora ~]$ cd
[meylis@fedora ~]$ mkdir -p parentdir1/dir1 parentdir2/dir2 parentdir3
[meylis@fedora ~]$ mv parentdir/dir1/test1.txt parentdir3
mv: cannot stat 'parentdir/dir1/test1.txt': No such file or directory
[meylis@fedora ~]$ cp parentdir2/dir2/test2.txt parentdir3
cp: cannot stat 'parentdir2/dir2/test2.txt': No such file or directory
[meylis@fedora ~]$ ls parentdir3
[meylis@fedora ~]$ cp parentdir3/test2.txt parentdir3/subtest2.txt
cp: cannot stat 'parentdir3/test2.txt': No such file or directory
[meylis@fedora ~]$ mv -i parentdir parentdir3/test.txt parentdir3/newtest.txt
mv: target 'parentdir3/newtest.txt' is not a directory
[meylis@fedora ~]$ ls parentdir3
[meylis@fedora ~]$ cd parentdir1
[meylis@fedora parentdir1]$ ~/parentdir1$ ls
bash: /home/meylis/parentdir1$: No such file or directory
[meylis@fedora parentdir1]$ mv dir1 newdir
[meylis@fedora parentdir1]$ ls
newdir
[meylis@fedora parentdir1]$
```

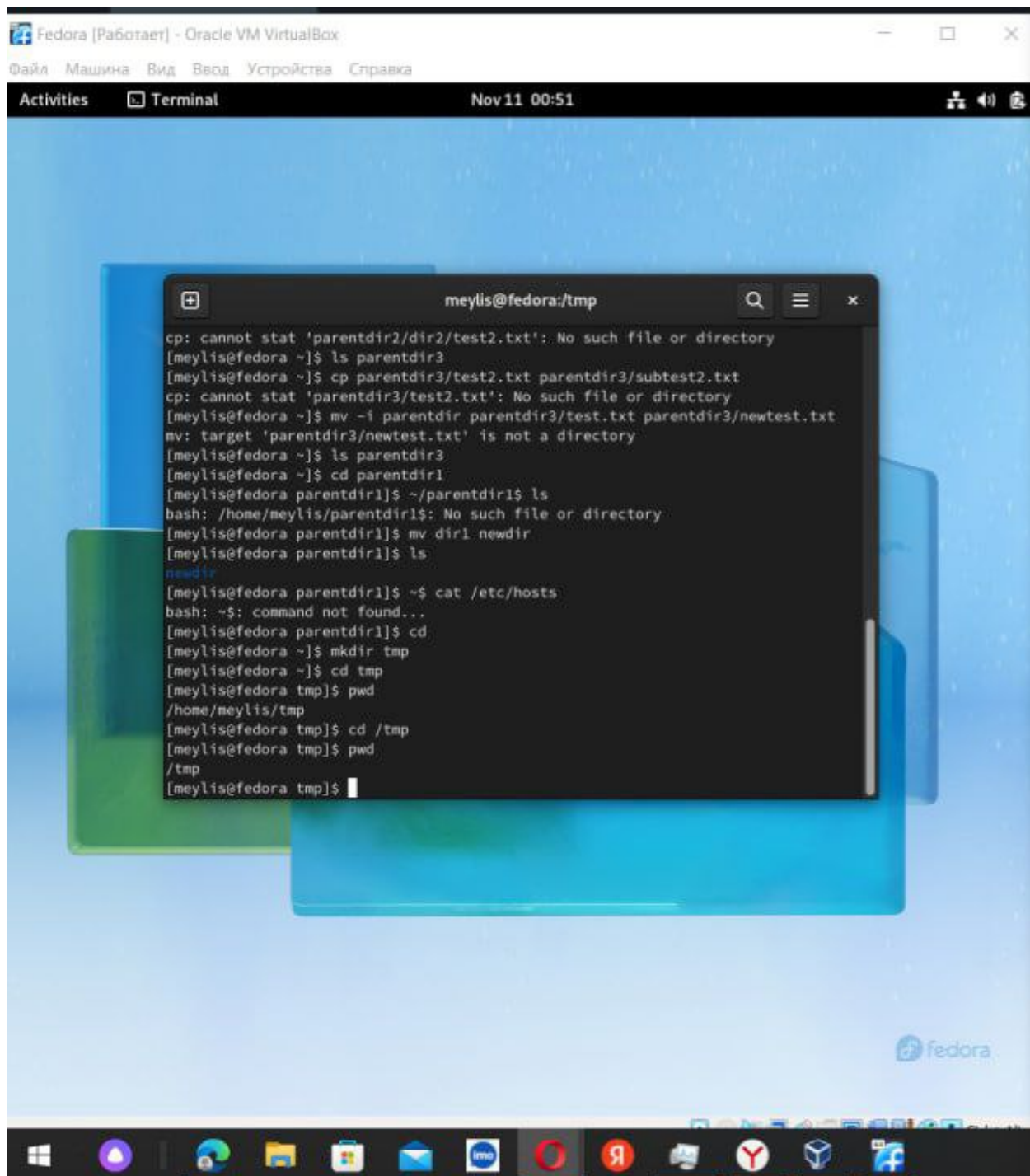
. Пользуясь командами `cd` и `ls`, посмотрите содержимое корневого каталога, домашнего каталога, каталогов `/etc` и `/usr/local`



```
Fedora [Работает] - Oracle VM VirtualBox
Файл Машина Вид Ввод Устройства Справка
Activities Terminal Nov 11 00:48

meylis@fedora:~
Try 'rm --help' for more information.
[meylis@fedora parentdir]$ rm -i ~/newdir/dir1/dir2/*.txt
rm: cannot remove '/home/meylis/newdir/dir1/dir2/*.txt': No such file or directory
[meylis@fedora parentdir]$ rm -R ~/newdir ~/parentdir/dir*
[meylis@fedora parentdir]$ cd
[meylis@fedora ~]$ mkdir -p parentdir1/dir1 parentdir2/dir2 parentdir3
[meylis@fedora ~]$ touch parentdir/dir1/test1.txt
touch: cannot touch 'parentdir/dir1/test1.txt': No such file or directory
[meylis@fedora ~]$ touch parentdir/dir1/test1.txt parentdir2/dir2/test.txt
touch: cannot touch 'parentdir/dir1/test1.txt': No such file or directory
[meylis@fedora ~]$ cd
[meylis@fedora ~]$ mkdir -p parentdir1/dir1 parentdir2/dir2 parentdir3
[meylis@fedora ~]$ mv parentdir/dir1/test1.txt parentdir3
mv: cannot stat 'parentdir/dir1/test1.txt': No such file or directory
[meylis@fedora ~]$ cp parentdir2/dir2/test2.txt parentdir3
cp: cannot stat 'parentdir2/dir2/test2.txt': No such file or directory
[meylis@fedora ~]$ ls parentdir3
[meylis@fedora ~]$ cp parentdir3/test2.txt parentdir3/subtest2.txt
cp: cannot stat 'parentdir3/test2.txt': No such file or directory
[meylis@fedora ~]$ mv -i parentdir parentdir3/test.txt parentdir3/newtest.txt
mv: target 'parentdir3/newtest.txt' is not a directory
[meylis@fedora ~]$ ls parentdir3
[meylis@fedora ~]$
```



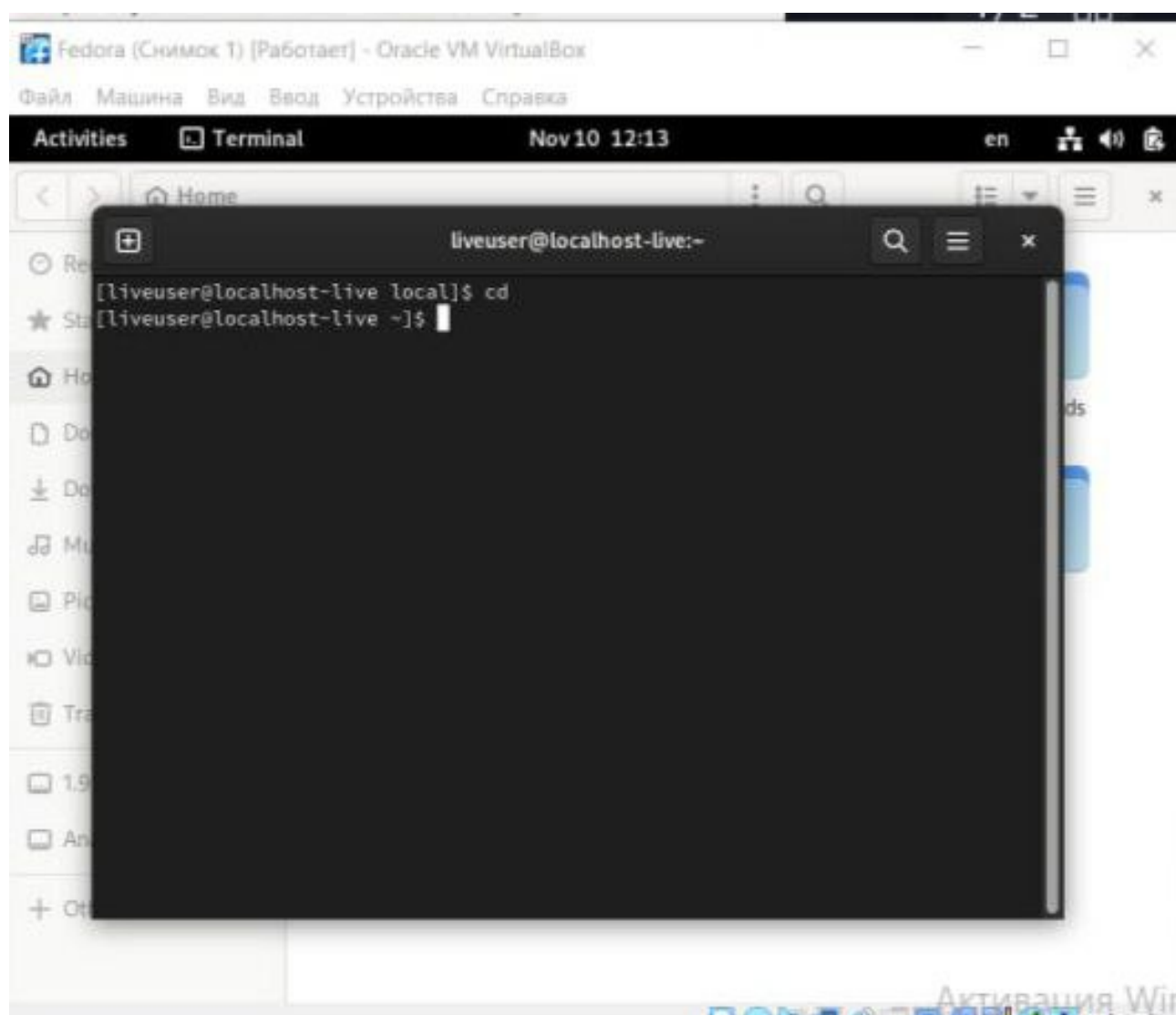


# Лабораторная работа №2. Основы интерфейса командной строки ОС GNU Linux

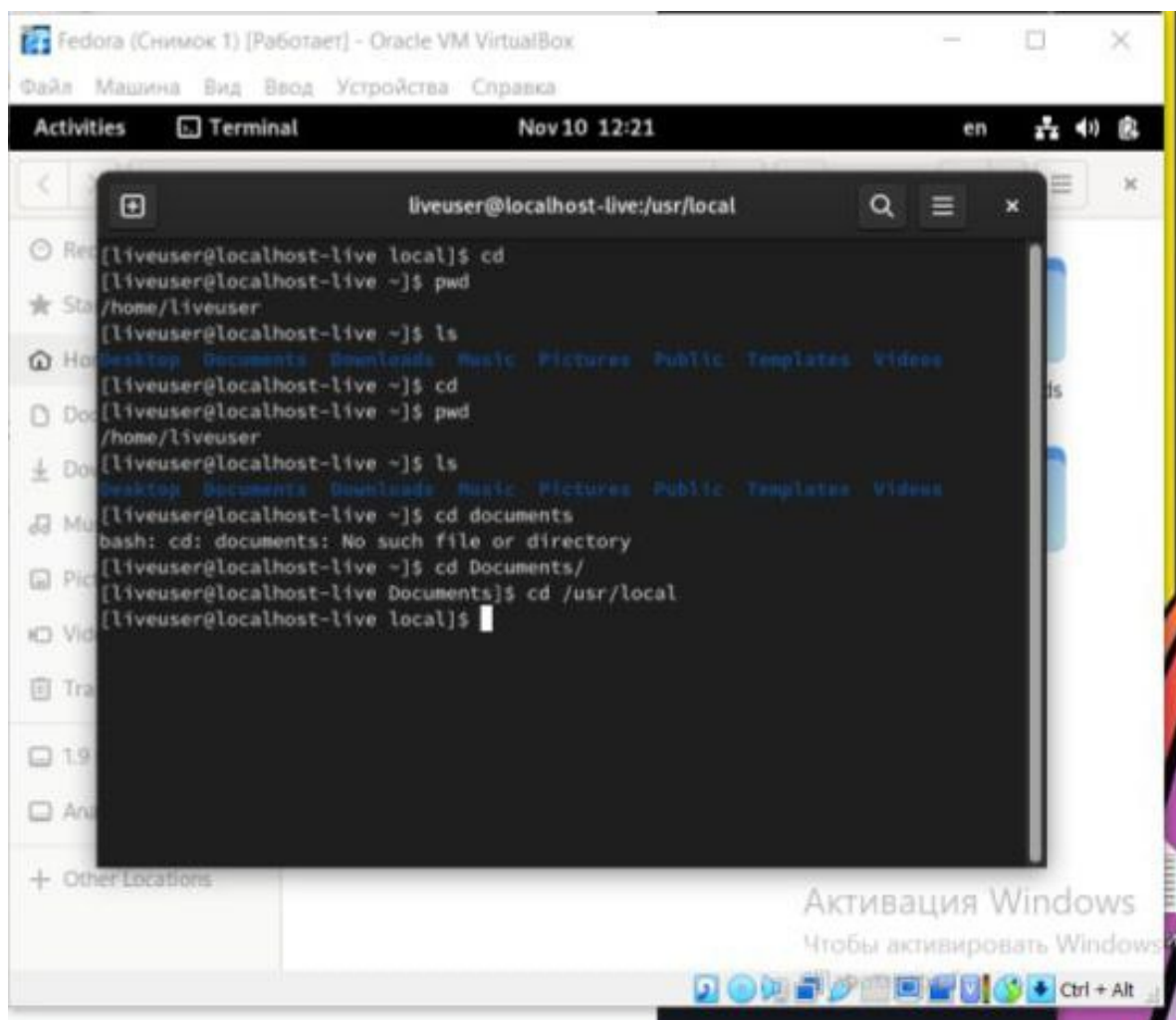
НфИбд 05 22

Открываем терминал;

Убедимся что находимся в данном каталоге;

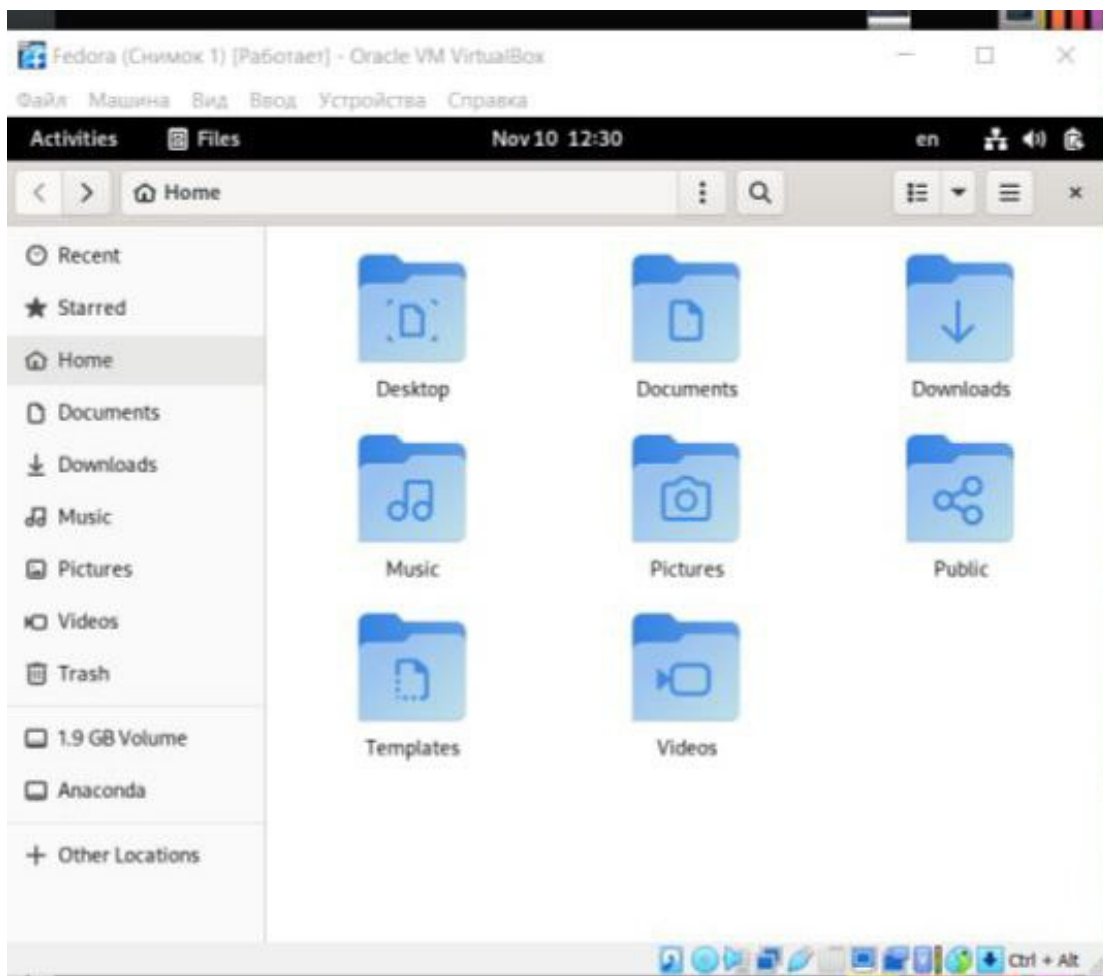


С помощью команды `pwd` узнаем полный путь к домашнему каталогу.



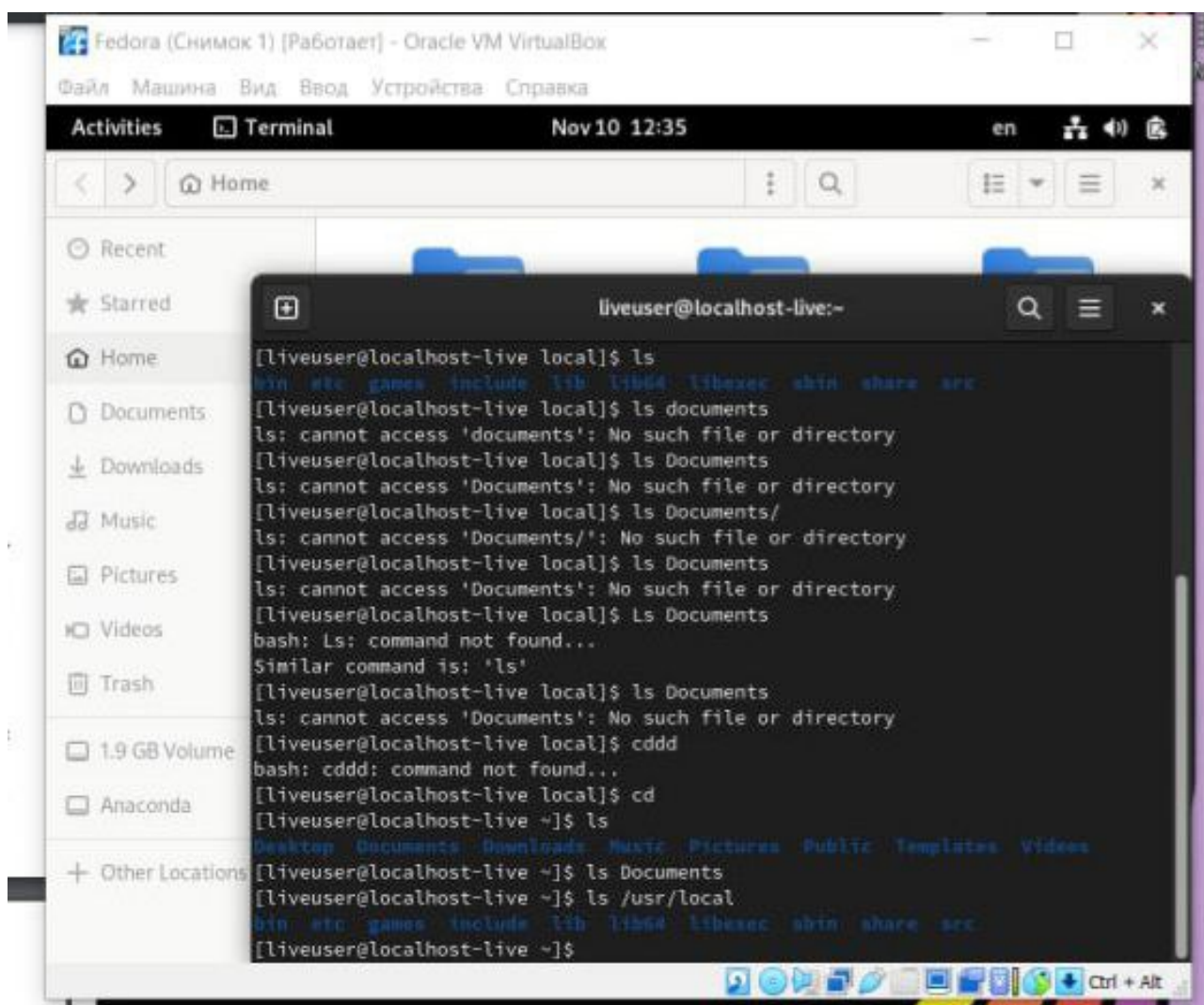
```
liveuser@localhost-live:/usr/local
[liveuser@localhost-live local]$ cd
[liveuser@localhost-live ~]$ pwd
/home/liveuser
[liveuser@localhost-live ~]$ ls
Desktop Documents Downloads Music Pictures Public Templates Videos
[liveuser@localhost-live ~]$ cd
[liveuser@localhost-live ~]$ pwd
/home/liveuser
[liveuser@localhost-live ~]$ ls
Desktop Documents Downloads Music Pictures Public Templates Videos
[liveuser@localhost-live ~]$ cd documents
bash: cd: documents: No such file or directory
[liveuser@localhost-live ~]$ cd Documents/
[liveuser@localhost-live Documents]$ cd /usr/local
[liveuser@localhost-live local]$
```

Откройте домашний каталог с помощью файлового менеджера графического окружения.

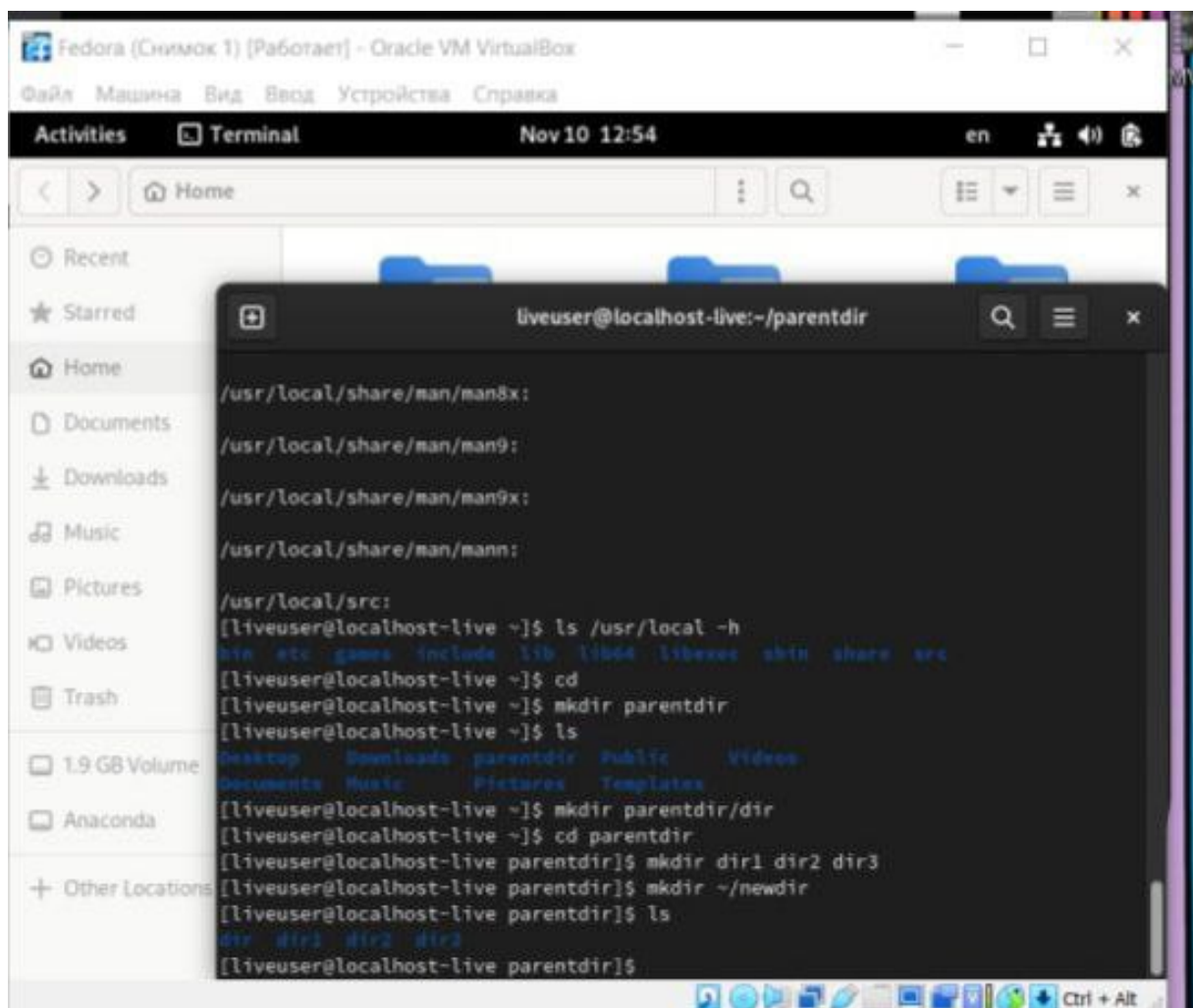




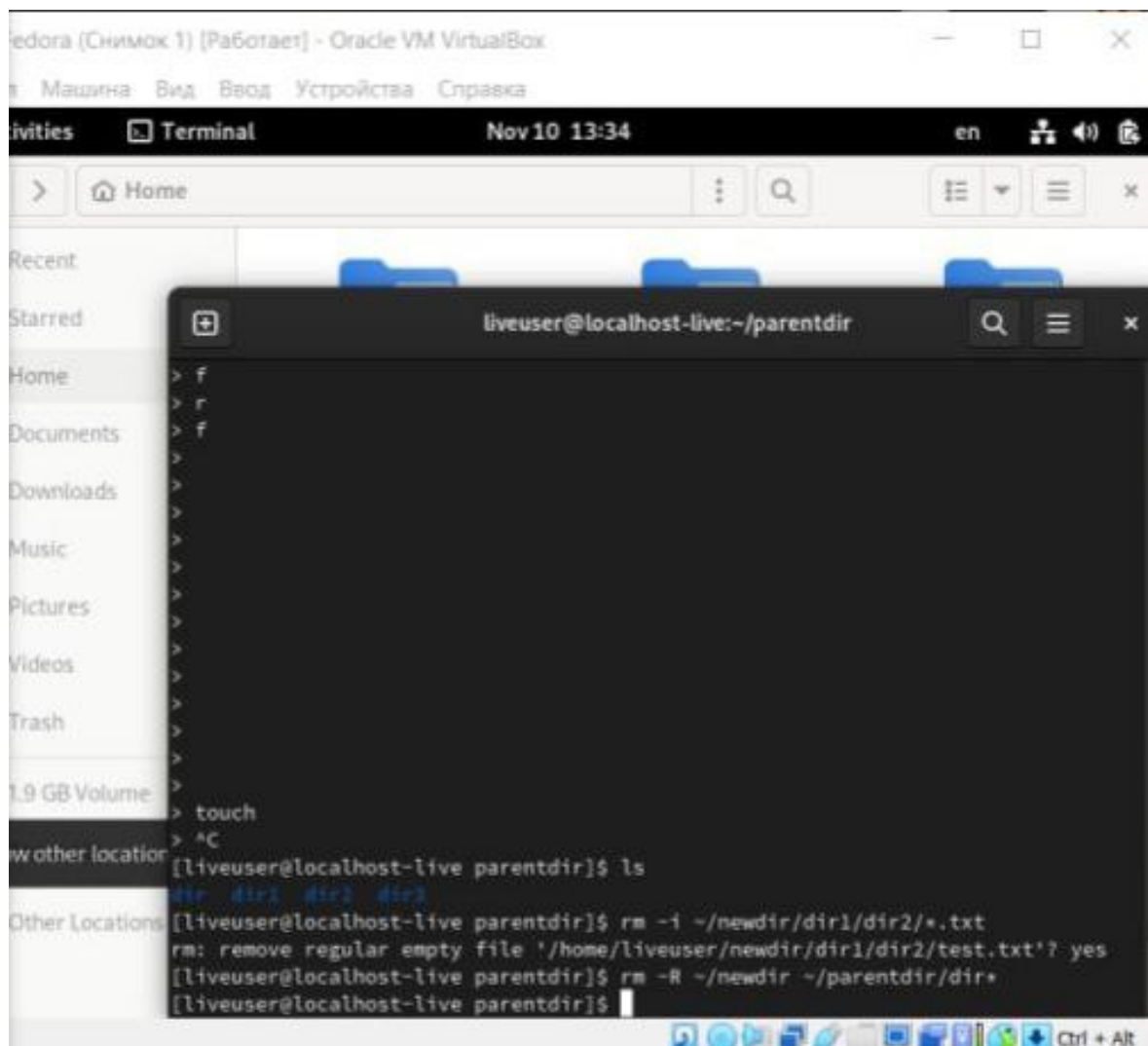
Выведите список файлов подкаталога Документы



## Создание пустых каталогов и файлов



## . Перемещение и удаление файлов или каталогов



The screenshot shows a Linux desktop environment with a terminal window open. The terminal window title is "liveuser@localhost-live:~/parentdir". The terminal output shows the following commands and their results:

```
[liveuser@localhost-live parentdir]$ touch  
[liveuser@localhost-live parentdir]$ ^C  
[liveuser@localhost-live parentdir]$ ls  
dir dir1 dir2 dir3  
[liveuser@localhost-live parentdir]$ rm -i ~/newdir/dir1/dir2/*.txt  
rm: remove regular empty file '/home/liveuser/newdir/dir1/dir2/test.txt'? yes  
[liveuser@localhost-live parentdir]$ rm -R ~/newdir ~/parentdir/dir*  
[liveuser@localhost-live parentdir]$
```

The terminal window is overlaid on a file manager window. The file manager window title is "liveuser@localhost-live:~/parentdir". The file manager shows a sidebar with "Recent", "Starred", "Home", "Documents", "Downloads", "Music", "Pictures", "Videos", "Trash", and "1.9 GB Volume". The main pane shows a directory listing with blue folders.