

Презентация к лабораторной работе №3

Цель работы

Цель работы: получить практический навык работы в консоли с атрибутами файлов для групп пользователей.

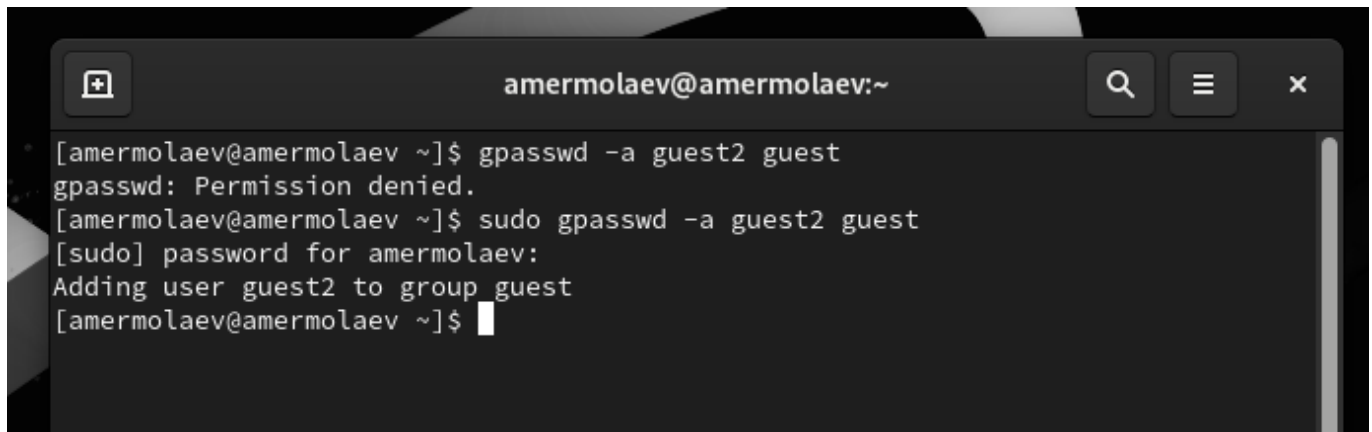


Выполнение работы

Создание пользователей

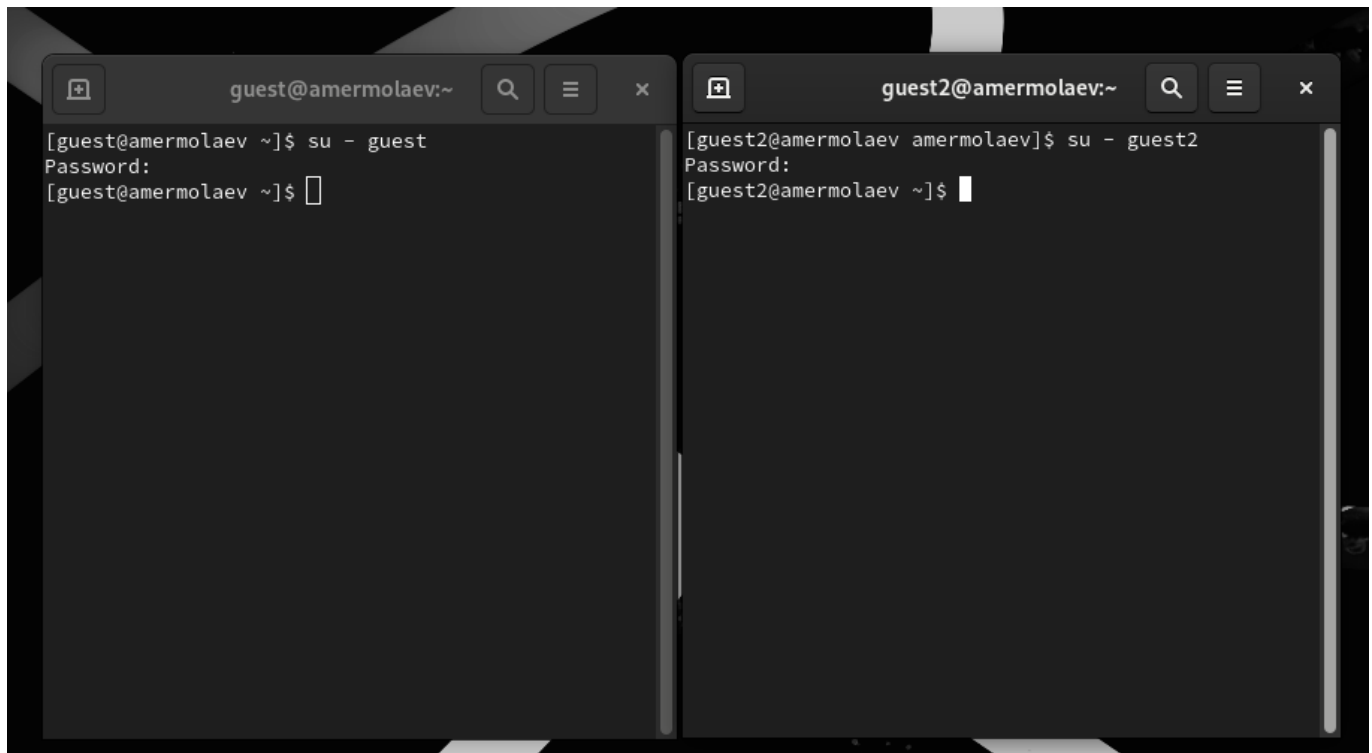
```
amermolaev@amermolaev:~  
[amermolaev@amermolaev ~]$ sudo useradd guest2  
[sudo] password for amermolaev:  
[amermolaev@amermolaev ~]$ sudo passwd guest2  
Changing password for user guest2.  
New password:  
BAD PASSWORD: The password is shorter than 8 characters  
Retype new password:  
passwd: all authentication tokens updated successfully.  
[amermolaev@amermolaev ~]$ S
```

Добавление пользователя в группу



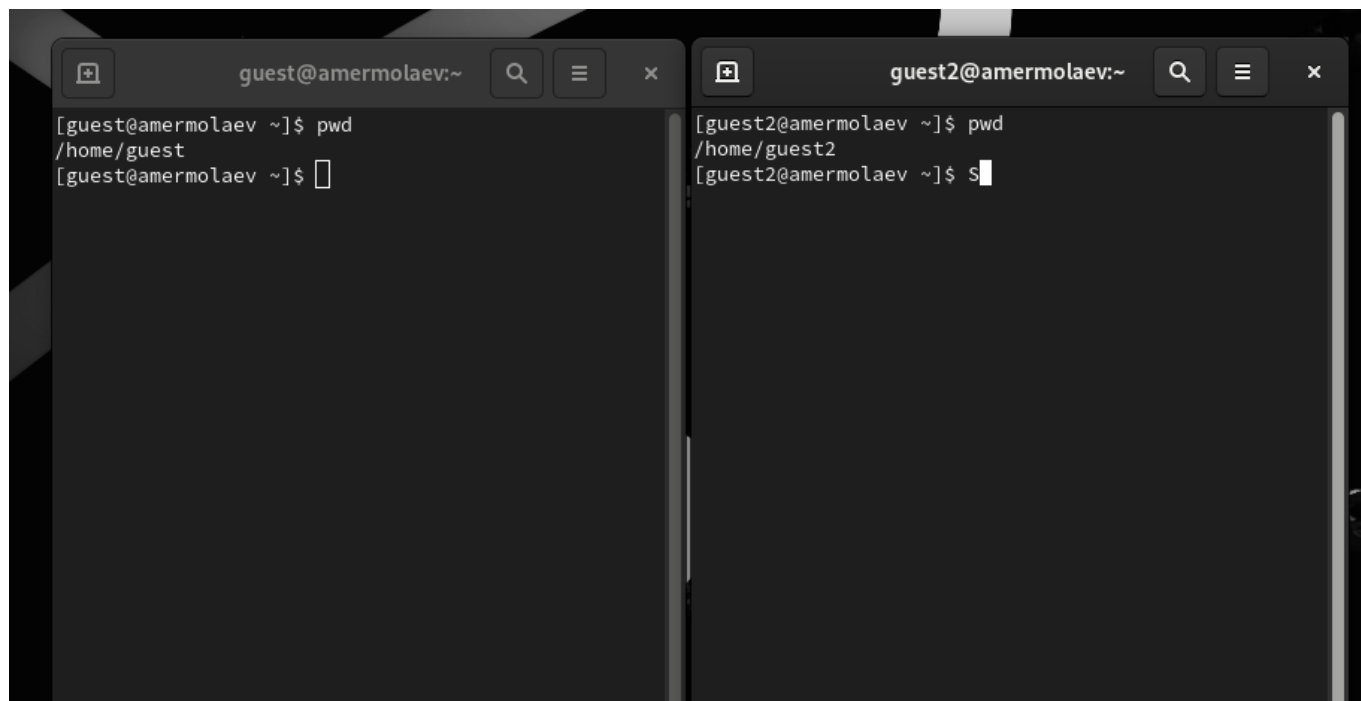
```
amermolaev@amermolaev:~  
[amermolaev@amermolaev ~]$ gpasswd -a guest2 guest  
gpasswd: Permission denied.  
[amermolaev@amermolaev ~]$ sudo gpasswd -a guest2 guest  
[sudo] password for amermolaev:  
Adding user guest2 to group guest  
[amermolaev@amermolaev ~]$
```

Вход в систему от двух пользователей



```
guest@amermolaev:~  
[guest@amermolaev ~]$ su - guest  
Password:  
[guest@amermolaev ~]$  
  
guest2@amermolaev:~  
[guest2@amermolaev amermolaev]$ su - guest2  
Password:  
[guest2@amermolaev ~]$
```

Просмотр пути до текущей директории

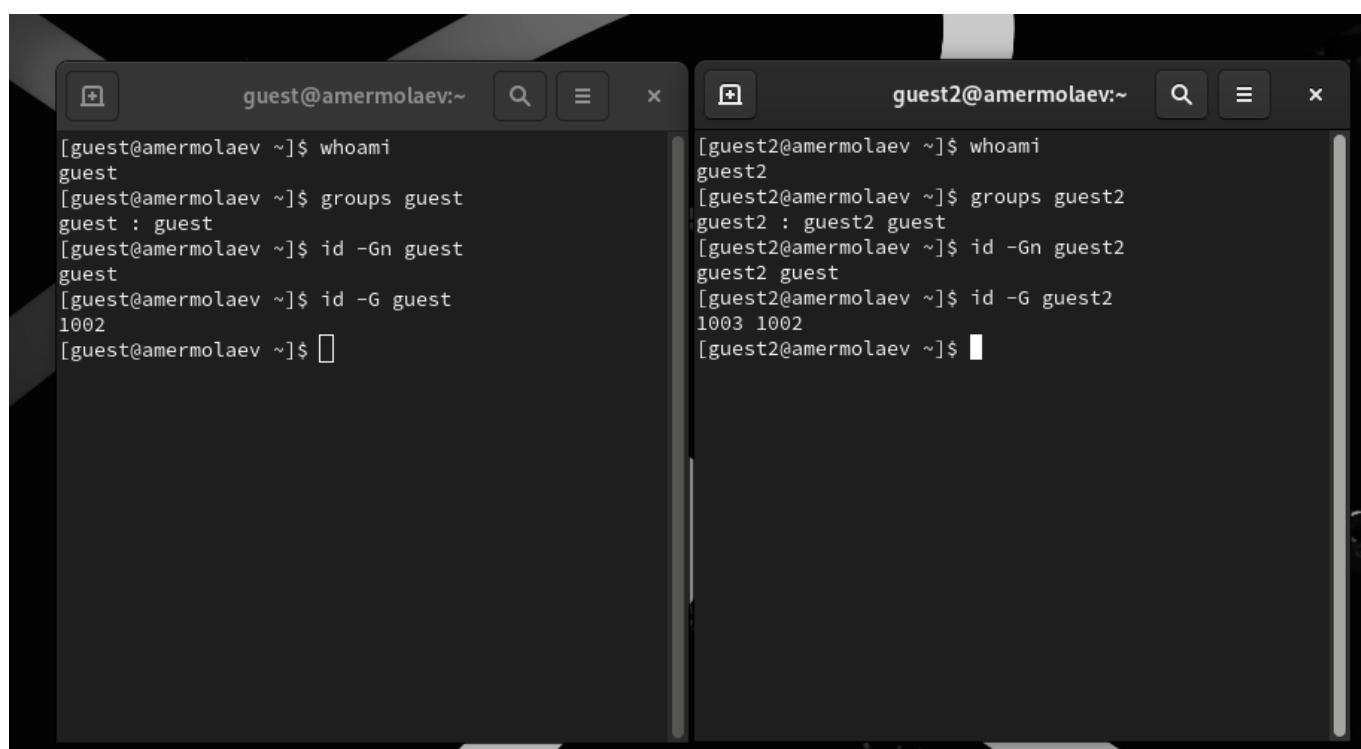


The image shows two terminal windows side-by-side. The left window is titled 'guest@amermolaev:~' and shows the command 'pwd' being executed, resulting in the output '/home/guest'. The right window is titled 'guest2@amermolaev:~' and shows the command 'pwd' being executed, resulting in the output '/home/guest2'. Both windows have a dark background and standard terminal window controls (search, menu, close).

```
guest@amermolaev:~$ pwd
/home/guest
guest@amermolaev:~$

guest2@amermolaev:~$ pwd
/home/guest2
guest2@amermolaev:~$
```

Команды groups и id

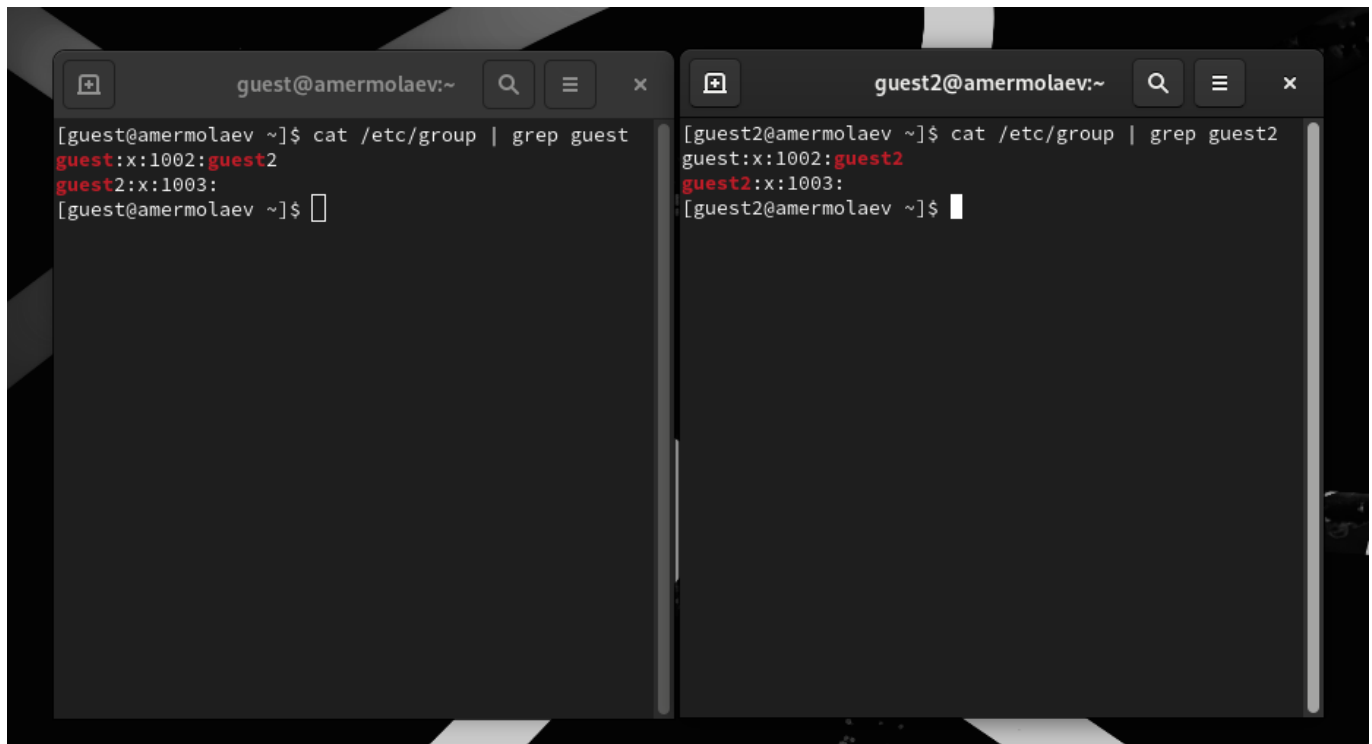


The image shows two terminal windows side-by-side. The left window is titled 'guest@amermolaev:~' and shows the following commands and outputs: 'whoami' returns 'guest', 'groups guest' returns 'guest : guest', 'id -Gn guest' returns 'guest', and 'id -G guest' returns '1002'. The right window is titled 'guest2@amermolaev:~' and shows the following commands and outputs: 'whoami' returns 'guest2', 'groups guest2' returns 'guest2 : guest2 guest', 'id -Gn guest2' returns 'guest2 guest', and 'id -G guest2' returns '1003 1002'. Both windows have a dark background and standard terminal window controls.

```
guest@amermolaev:~$ whoami
guest
guest@amermolaev:~$ groups guest
guest : guest
guest@amermolaev:~$ id -Gn guest
guest
guest@amermolaev:~$ id -G guest
1002
guest@amermolaev:~$

guest2@amermolaev:~$ whoami
guest2
guest2@amermolaev:~$ groups guest2
guest2 : guest2 guest
guest2@amermolaev:~$ id -Gn guest2
guest2 guest
guest2@amermolaev:~$ id -G guest2
1003 1002
guest2@amermolaev:~$
```

Файл /etc/group

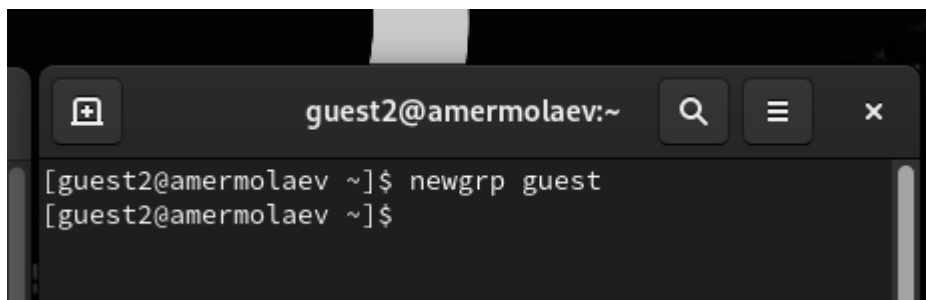


The image shows two terminal windows side-by-side. The left window is titled 'guest@amermolaev:~' and shows the command 'cat /etc/group | grep guest' with output: 'guest:x:1002:guest2' and 'guest2:x:1003:'. The right window is titled 'guest2@amermolaev:~' and shows the command 'cat /etc/group | grep guest2' with output: 'guest:x:1002:guest2' and 'guest2:x:1003:'.

```
guest@amermolaev:~$ cat /etc/group | grep guest
guest:x:1002:guest2
guest2:x:1003:
guest@amermolaev:~$
```

```
guest2@amermolaev:~$ cat /etc/group | grep guest2
guest:x:1002:guest2
guest2:x:1003:
guest2@amermolaev:~$
```

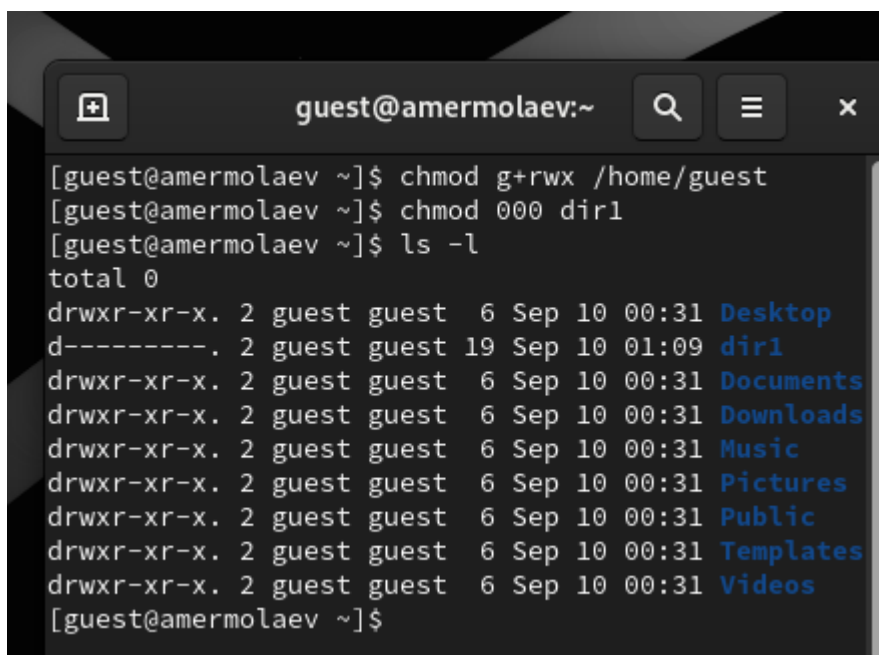
Регистрация пользователя в группе



The image shows a terminal window titled 'guest2@amermolaev:~' with the command 'newgrp guest' and its output.

```
guest2@amermolaev:~$ newgrp guest
guest2@amermolaev:~$
```

Заполнение таблиц



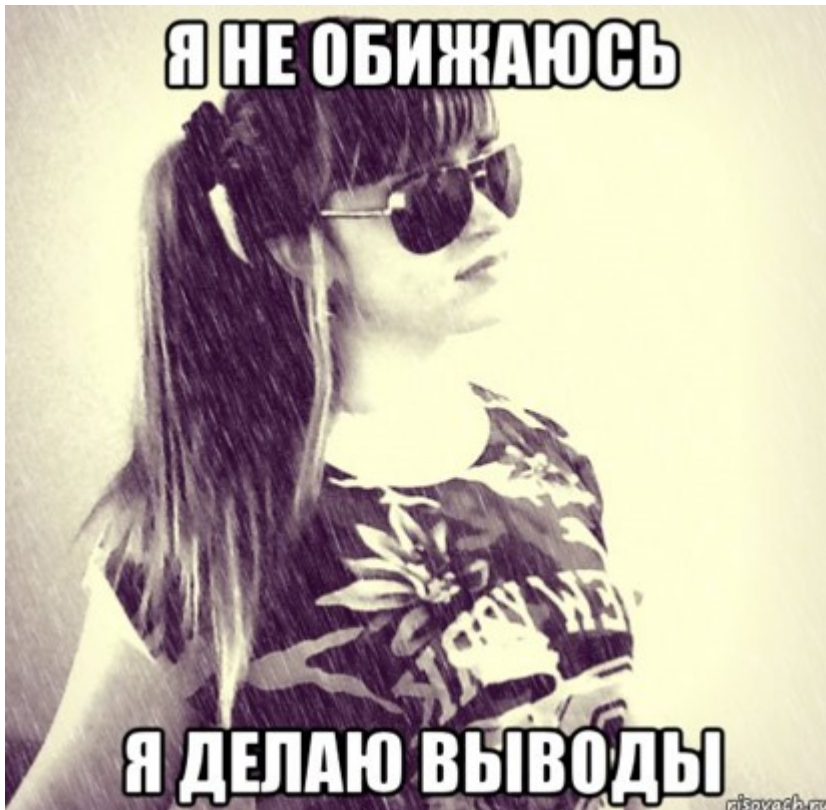
The image shows a terminal window titled 'guest@amermolaev:~' with commands to change permissions and list files. The output shows a directory listing for the 'guest' user.

```
guest@amermolaev:~$ chmod g+rx /home/guest
guest@amermolaev:~$ chmod 000 dir1
guest@amermolaev:~$ ls -l
total 0
drwxr-xr-x. 2 guest guest 6 Sep 10 00:31 Desktop
d----- . 2 guest guest 19 Sep 10 01:09 dir1
drwxr-xr-x. 2 guest guest 6 Sep 10 00:31 Documents
drwxr-xr-x. 2 guest guest 6 Sep 10 00:31 Downloads
drwxr-xr-x. 2 guest guest 6 Sep 10 00:31 Music
drwxr-xr-x. 2 guest guest 6 Sep 10 00:31 Pictures
drwxr-xr-x. 2 guest guest 6 Sep 10 00:31 Public
drwxr-xr-x. 2 guest guest 6 Sep 10 00:31 Templates
drwxr-xr-x. 2 guest guest 6 Sep 10 00:31 Videos
guest@amermolaev:~$
```

```
guest2@amermolaev:/home/guest
[guest2@amermolaev guest]$ touch /home/guest/dir1/file228
touch: cannot touch '/home/guest/dir1/file228': Permission denied
[guest2@amermolaev guest]$ rm /home/guest/dir1/file1
rm: cannot remove '/home/guest/dir1/file1': Permission denied
[guest2@amermolaev guest]$ echo 'bobr kurwa' > /home/guest/dir1/file1
bash: /home/guest/dir1/file1: Permission denied
[guest2@amermolaev guest]$ cat /home/guest/dir1/file1
cat: /home/guest/dir1/file1: Permission denied
[guest2@amermolaev guest]$ cd /home/guest/dir1
bash: cd: /home/guest/dir1: Permission denied
[guest2@amermolaev guest]$ ls -l /home/guest/dir1
ls: cannot open directory '/home/guest/dir1': Permission denied
[guest2@amermolaev guest]$ mv /home/guest/dir1 superfile
[guest2@amermolaev guest]$ mv /home/guest/dir1 /home/guest/dir1/superfile
mv: cannot stat '/home/guest/dir1': No such file or directory
[guest2@amermolaev guest]$ chattr -a /home/guest/dir1/file1
chattr: No such file or directory while trying to stat /home/guest/dir1/file1
[guest2@amermolaev guest]$
```

Вывод

В рамках выполнения работы я получил практический навык работы в консоли с атрибутами файлов для групп пользователей.



Финал

