

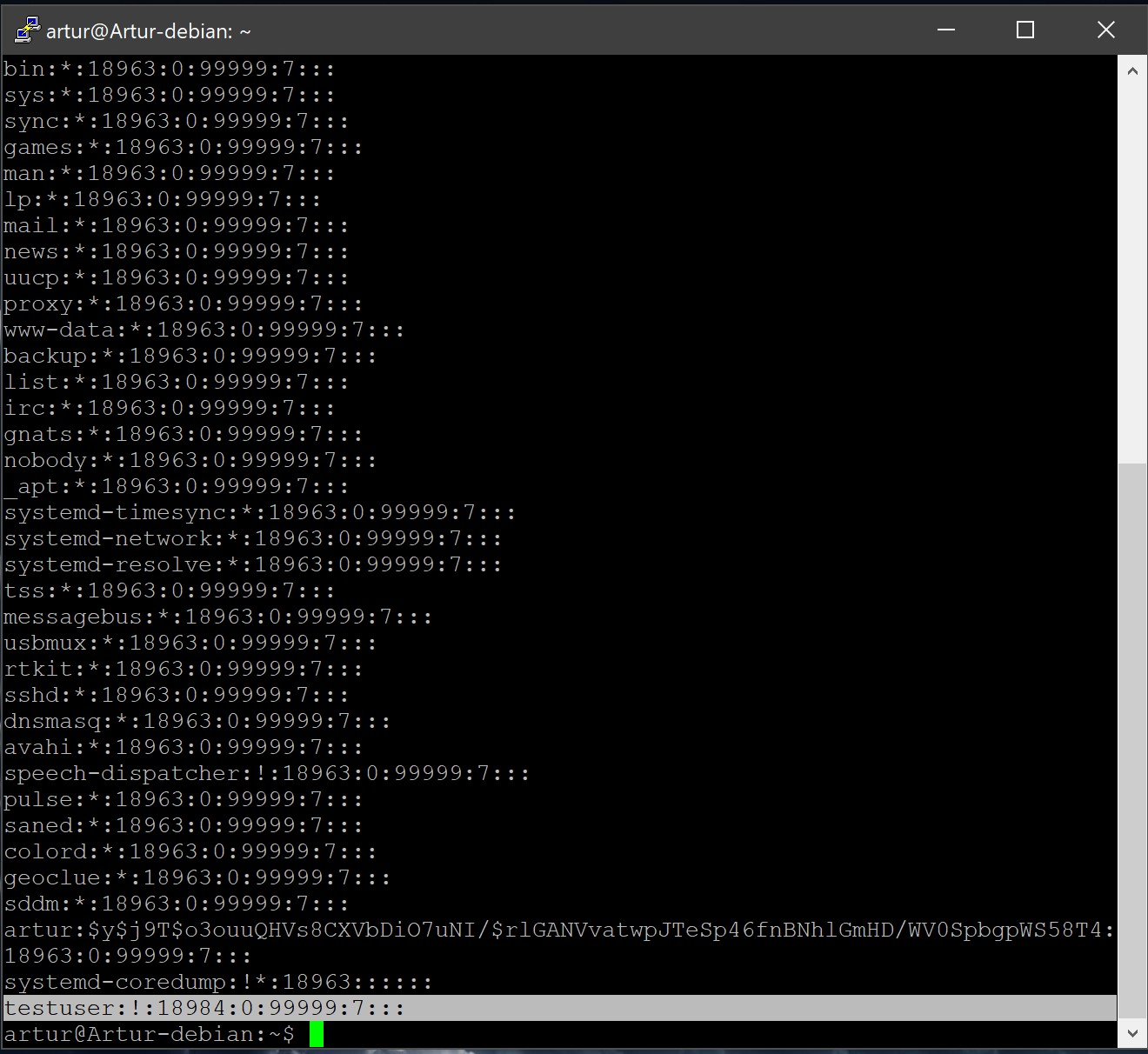


artur@Artur-debian: ~



```
artur@Artur-debian:~$ sudo useradd -s /bin/bash -d /home/testUser -m testuser
```





```
bin:*:18963:0:99999:7:::
sys:*:18963:0:99999:7:::
sync:*:18963:0:99999:7:::
games:*:18963:0:99999:7:::
man:*:18963:0:99999:7:::
lp:*:18963:0:99999:7:::
mail:*:18963:0:99999:7:::
news:*:18963:0:99999:7:::
uucp:*:18963:0:99999:7:::
proxy:*:18963:0:99999:7:::
www-data:*:18963:0:99999:7:::
backup:*:18963:0:99999:7:::
list:*:18963:0:99999:7:::
irc:*:18963:0:99999:7:::
gnats:*:18963:0:99999:7:::
nobody:*:18963:0:99999:7:::
_apt:*:18963:0:99999:7:::
systemd-timesync:*:18963:0:99999:7:::
systemd-network:*:18963:0:99999:7:::
systemd-resolve:*:18963:0:99999:7:::
tss:*:18963:0:99999:7:::
messagebus:*:18963:0:99999:7:::
usbmux:*:18963:0:99999:7:::
rtkit:*:18963:0:99999:7:::
sshd:*:18963:0:99999:7:::
dnsmasq:*:18963:0:99999:7:::
avahi:*:18963:0:99999:7:::
speech-dispatcher:!:18963:0:99999:7:::
pulse:*:18963:0:99999:7:::
saned:*:18963:0:99999:7:::
colord:*:18963:0:99999:7:::
geoclue:*:18963:0:99999:7:::
sddm:*:18963:0:99999:7:::
artur:$y$j9T$03ouuQHV58CXVbDi07uNI/$r1GANVvatwpJTSp46fnBNhlGmHD/WV0SpbgpWS58T4:
18963:0:99999:7:::
systemd-coredump:!*:18963:0:99999:7:::
testuser:!:18984:0:99999:7:::
artur@Artur-debian:~$
```



testuser@Artur-debian: ~



artur@Artur-debian:~\$ sudo passwd testuser

New password:

Retype new password:

passwd: password updated successfully

artur@Artur-debian:~\$ su testuser

Password:

testuser@Artur-debian:/home/artur\$ ~

bash: /home/testUser: Is a directory

testuser@Artur-debian:/home/artur\$ ls

Desktop Docs Downloads Music Pictures Share Templates Video dev

testuser@Artur-debian:/home/artur\$ cd ..

testuser@Artur-debian:/home\$ ls

artur lost+found testUser

testuser@Artur-debian:/home\$ cd testUser/

testuser@Artur-debian:~\$ ls

testuser@Artur-debian:~\$ ls -a

. .. .bash\_logout .bashrc .profile

testuser@Artur-debian:~\$

```
artur@Artur-debian: ~  
artur@Artur-debian:~$ sudo adduser testuser2  
perl: warning: Setting locale failed.  
perl: warning: Please check that your locale settings:  
    LANGUAGE = (unset),  
    LC_ALL = (unset),  
    LANG = "en_US.UTF-8"  
are supported and installed on your system.  
perl: warning: Falling back to the standard locale ("C").  
Adding user `testuser2' ...  
Adding new group `testuser2' (1002) ...  
Adding new user `testuser2' (1002) with group `testuser2' ...  
Creating home directory `/home/testuser2' ...  
Copying files from `/etc/skel' ...  
New password:  
Retype new password:  
passwd: password updated successfully  
Changing the user information for testuser2  
Enter the new value, or press ENTER for the default  
    Full Name []: testuser  
    Room Number []: 123  
    Work Phone []: 1234567  
    Home Phone []: 7654321  
    Other []: Other info.  
Is the information correct? [Y/n] y  
artur@Artur-debian:~$
```

```
utmp:x:43:
video:x:44:artur
sasl:x:45:
plugdev:x:46:artur
staff:x:50:
games:x:60:
users:x:100:
nogroup:x:65534:
systemd-timesync:x:101:
systemd-journal:x:102:
systemd-network:x:103:
systemd-resolve:x:104:
input:x:105:
kvm:x:106:
render:x:107:
crontab:x:108:
netdev:x:109:artur
tss:x:110:
messagebus:x:111:
ssh:x:112:
bluetooth:x:113:artur
ssl-cert:x:114:
rtkit:x:115:
avahi:x:116:
lpadmin:x:117:artur
pulse:x:118:
pulse-access:x:119:
scanner:x:120:saned, artur
saned:x:121:
colord:x:122:
geoclue:x:123:
sddm:x:124:
artur:x:1000:
systemd-coredump:x:999:
testuser:x:1001:
testuser2:x:1002:
testgroup:x:1003:
artur@Artur-debian:~$
```



artur@Artur-debian: ~



```
artur@Artur-debian:~$ sudo usermod -aG sudo testuser
```

```
artur@Artur-debian:~$
```



```
floppy:x:25:artur
```

```
tape:x:26:
```

```
sudo:x:27:testuser
```

```
audio:x:29:pulse,artur
```

```
1' 20
```



artur@Artur-debian: ~



```
artur@Artur-debian:~$ sudo usermod -g testgroup testuser
```

```
artur@Artur-debian:~$
```





artur@Artur-debian: ~



```
artur@Artur-debian:~$ groups testuser
```

```
testuser : testgroup sudo
```

```
artur@Artur-debian:~$
```



testuser@Artur-debian: ~



```
artur@Artur-debian:~$ groups testuser
```

```
testuser : testgroup sudo
```

```
artur@Artur-debian:~$ su testuser
```

```
Password:
```

```
testuser@Artur-debian:/home/artur$ cd ~
```

```
testuser@Artur-debian:~$ cat /etc/passwd
```

```
root:x:0:0:root:/root:/bin/bash
```

```
daemon:x:1:1:daemon:/usr/sbin:/usr/sbin/nologin
```

```
bin:x:2:2:bin:/bin:/usr/sbin/nologin
```

```
sys:x:3:3:sys:/dev:/usr/sbin/nologin
```

```
sync:x:4:65534:sync:/bin:/bin/sync
```

```
games:x:5:60:games:/usr/games:/usr/sbin/nologin
```

```
man:x:6:12:man:/var/cache/man:/usr/sbin/nologin
```

```
lp:x:7:7:lp:/var/spool/lpd:/usr/sbin/nologin
```

```
mail:x:8:8:mail:/var/mail:/usr/sbin/nologin
```

```
news:x:9:9:news:/var/spool/news:/usr/sbin/nologin
```



artur@Artur-debian: ~



```
artur@Artur-debian:~$ sudo userdel -r testuser
```

```
[sudo] password for artur:
```

```
userdel: group testuser not removed because it is not the primary group of user  
testuser.
```

```
userdel: testuser mail spool (/var/mail/testuser) not found
```

```
artur@Artur-debian:~$
```

```
sddm:x:116:124:Simple Desktop Display Manager:/var/lib/sddm:/bin/false
artur:x:1000:1000:Artur,,,:/home/artur:/bin/bash
systemd-coredump:x:999:999:systemd Core Dumper:/usr/sbin/nologin
testuser2:x:1002:1002:testuser,123,1234567,7654321,Other info.:/home/testuser2:/bin/bash
artur@Artur-debian:~$
```



artur@Artur-debian: ~



```
artur@Artur-debian:~$ sudo groupdel -f testuser
```



```
artur:x:1000:  
systemd-coredump:x:999:  
testuser2:x:1002:  
testgroup:x:1003:  
artur@Artur-debian:~$
```



artur@Artur-debian: ~



```
artur@Artur-debian:~$ sudo usermod -aG testgroup testuser2
```

```
artur@Artur-debian:~$
```



```
artur:x:1000:  
systemd-coredump:x:999:  
testuser2:x:1002:  
testgroup:x:1003:testuser2  
artur@Artur-debian:~$
```





artur@Artur-debian: ~



GNU nano 5.4 /var/tmp/sudoers.XXrHVvHP \*

Defaults mail\_badpass  
Defaults secure\_path="/usr/local/sbin:/usr/local/bin:/usr/sbin:/usr/bin:/>

# Host alias specification

# User alias specification

# Cmnd alias specification

# User privilege specification

root ALL=(ALL:ALL) ALL

# Allow members of group sudo to execute any command

%sudo ALL=(ALL:ALL) ALL

artur ALL=(ALL:ALL) ALL

superuser ALL= NOPASSWD: /usr/bin/apt-get update

# See sudoers(5) for more information on "@include" directives:

@includedir /etc/sudoers.d

^G Help	^O Write Out	^W Where Is	^K Cut	^T Execute	^C Location
^X Exit	^R Read File	^\ Replace	^U Paste	^J Justify	^_ Go To Line



superuser@Artur-debian: ~



artur@Artur-debian:~\$ su superuser

Password:

superuser@Artur-debian:/home/artur\$ cd ~

superuser@Artur-debian:~\$ apt-get update

Reading package lists... Done

E: Could not open lock file /var/lib/apt/lists/lock - open (13: Permission denied)  
)

E: Unable to lock directory /var/lib/apt/lists/

W: Problem unlinking the file /var/cache/apt/pkgcache.bin - RemoveCaches (13: Permission denied)

W: Problem unlinking the file /var/cache/apt/srcpkgcache.bin - RemoveCaches (13: Permission denied)

superuser@Artur-debian:~\$

```
superuser@Artur-debian: ~  
superuser@Artur-debian:~$ su  
Password:  
root@Artur-debian:/home/superuser# usermod -aG sudo superuser  
bash: usermod: command not found  
root@Artur-debian:/home/superuser# sudo usermod -aG sudo superuser  
root@Artur-debian:/home/superuser# exit  
exit  
superuser@Artur-debian:~$ apt-get update  
Reading package lists... Done  
E: Could not open lock file /var/lib/apt/lists/lock - open (13: Permission denied)  
)  
E: Unable to lock directory /var/lib/apt/lists/  
W: Problem unlinking the file /var/cache/apt/pkgcache.bin - RemoveCaches (13: Per  
mission denied)  
W: Problem unlinking the file /var/cache/apt/srcpkgcache.bin - RemoveCaches (13:  
Permission denied)  
superuser@Artur-debian:~$ sudo apt-get update  
Hit:1 http://deb.debian.org/debian bullseye InRelease  
Hit:2 http://security.debian.org/debian-security bullseye-security InRelease  
Get:3 http://deb.debian.org/debian bullseye-updates InRelease [39.4 kB]  
Hit:4 http://packages.microsoft.com/repos/code stable InRelease  
Ign:5 http://httplib.debian.org/debian stretch InRelease  
Hit:6 https://packages.microsoft.com/repos/vscode stable InRelease  
Hit:7 http://httplib.debian.org/debian stretch Release  
Fetched 39.4 kB in 1s (35.3 kB/s)  
Reading package lists... Done  
superuser@Artur-debian:~$ sudo apt install mc  
  
We trust you have received the usual lecture from the local System  
Administrator. It usually boils down to these three things:  
  
#1) Respect the privacy of others.  
#2) Think before you type.  
#3) With great power comes great responsibility.  
  
[sudo] password for superuser:  
Sorry, user superuser is not allowed to execute '/usr/bin/apt install mc' as root  
on Artur-debian.192.168.0.1.  
superuser@Artur-debian:~$
```