

el@el-VirtualBox: ~



```
el@el-VirtualBox:~$ touch file1.txt
el@el-VirtualBox:~$ touch file2.txt
el@el-VirtualBox:~$ chmod g+u file1.txt
el@el-VirtualBox:~$ touch o=r
el@el-VirtualBox:~$ touch o=r file1.txt
el@el-VirtualBox:~$ chmod o=r file1.txt
el@el-VirtualBox:~$ chmod u file1.txt
chmod: invalid mode: 'u'
Try 'chmod --help' for more information.
el@el-VirtualBox:~$ chmod u file2.txt
chmod: invalid mode: 'u'
Try 'chmod --help' for more information.
el@el-VirtualBox:~$ chmod u=rx file2.txt
el@el-VirtualBox:~$ chmod o=rx file2.txt
el@el-VirtualBox:~$ chmod c=r-- file2.txt
chmod: invalid mode: 'c=r--'
Try 'chmod --help' for more information.
el@el-VirtualBox:~$ chmod o-rwx file2.txt
el@el-VirtualBox:~$ mkdir dir1
el@el-VirtualBox:~$ cd dir1
el@el-VirtualBox:~/dir1$ cd
el@el-VirtualBox:~$ useradd -m Lilo
useradd: Permission denied.
useradd: cannot lock /etc/passwd; try again later.
el@el-VirtualBox:~$ sudo useradd -m Lilo
[sudo] password for el:
el@el-VirtualBox:~$ sudo chown Lilo dir1
el@el-VirtualBox:~$ useradd -m Lil
useradd: Permission denied.
useradd: cannot lock /etc/passwd; try again later.
el@el-VirtualBox:~$ sudo useradd -m Lil
el@el-VirtualBox:~$ sudo groupadd group1
el@el-VirtualBox:~$ sudo usermod -a -g group1 Lil
sudo: usermod: command not found
el@el-VirtualBox:~$ sudo usermod -a -g group1 Lil
usermod: -a flag is only allowed with the -G flag
Usage: usermod [options] LOGIN
```

Options:

-b, --badnames

allow bad names

el@el-VirtualBox: ~



```
el@el-VirtualBox:~$ sudo usermod -a -G group1 Lil
el@el-VirtualBox:~$ sudo visudo
el@el-VirtualBox:~$ useradd -m Lili
useradd: Permission denied.
useradd: cannot lock /etc/passwd; try again later.
el@el-VirtualBox:~$ sudo visudo
visudo: /etc/sudoers.tmp unchanged
el@el-VirtualBox:~$ sudo useradd -m Lil
useradd: user 'Lil' already exists
el@el-VirtualBox:~$ sudo useradd -m Lili
el@el-VirtualBox:~$ sudo userdel Lilo
el@el-VirtualBox:~$ chmod g dir1
chmod: invalid mode: 'g'
Try 'chmod --help' for more information.
el@el-VirtualBox:~$ chmod g=rwx dir1
chmod: changing permissions of 'dir1': Operation not permitted
el@el-VirtualBox:~$ sudo chmod group1=rwx dir1
chmod: invalid mode: 'group1=rwx'
Try 'chmod --help' for more information.
el@el-VirtualBox:~$ chown group1 dir1
chown: invalid user: 'group1'
el@el-VirtualBox:~$ compgen -u
root
daemon
bin
sys
sync
games
man
lp
mail
news
uucp
proxy
www-data
backup
list
irc
gnats
nobody
```



el@el-VirtualBox: ~



fwupd-refresh

nm-openvpn

sane

Thunderbird Mail

geoclue

pulse

gnome-initial-setup

hplip

gdm

el

sshd

Lil

Lili

el@el-VirtualBox:~\$ compgen -g

root

daemon

bin

sys

adm

tty

disk

lp

mail

news

uucp

man

proxy

kmem

dialout

fax

voice

cdrom

floppy

tape

sudo

audio

dip

www-data

backup

operator

el@el-VirtualBox: ~



list
irc
src
gnats
shadow
utmp
video
sasl
plugdev
staff
games
users
nogroup
systemd-journal
systemd-resolve
crontab
messagebus
systemd-timesync
input
sgx
kvm
render
syslog
tss
bluetooth
ssl-cert
uuuid
systemd-oom
tcpdump
_ssh
avahi-autoipd
netdev
avahi
lpadmin
rtkit
whoopsie
sssd
fwupd-refresh
nm-openvpn

el@el-VirtualBox: ~



```
input
sgx
kvm
render
syslog
tss
bluetooth
ssl-cert
uuuid
systemd-oom
tcpdump
_ssh
avahi-autoipd
netdev
avahi
lpadmin
rtkit
whoopsie
sssd
fwupd-refresh
nm-openvpn
scanner
saned
colord
geoclue
pulse
pulse-access
gdm
lxd
el
smbshare
Lil
group1
Lili
el@el-VirtualBox:~$ sudo visudo
visudo: /etc/sudoers.tmp unchanged
el@el-VirtualBox:~$ chown :group1 dir1
chown: changing group of 'dir1': Operation not permitted
el@el-VirtualBox:~$ sudo chown :group1 dir1
el@el-VirtualBox:~$
```