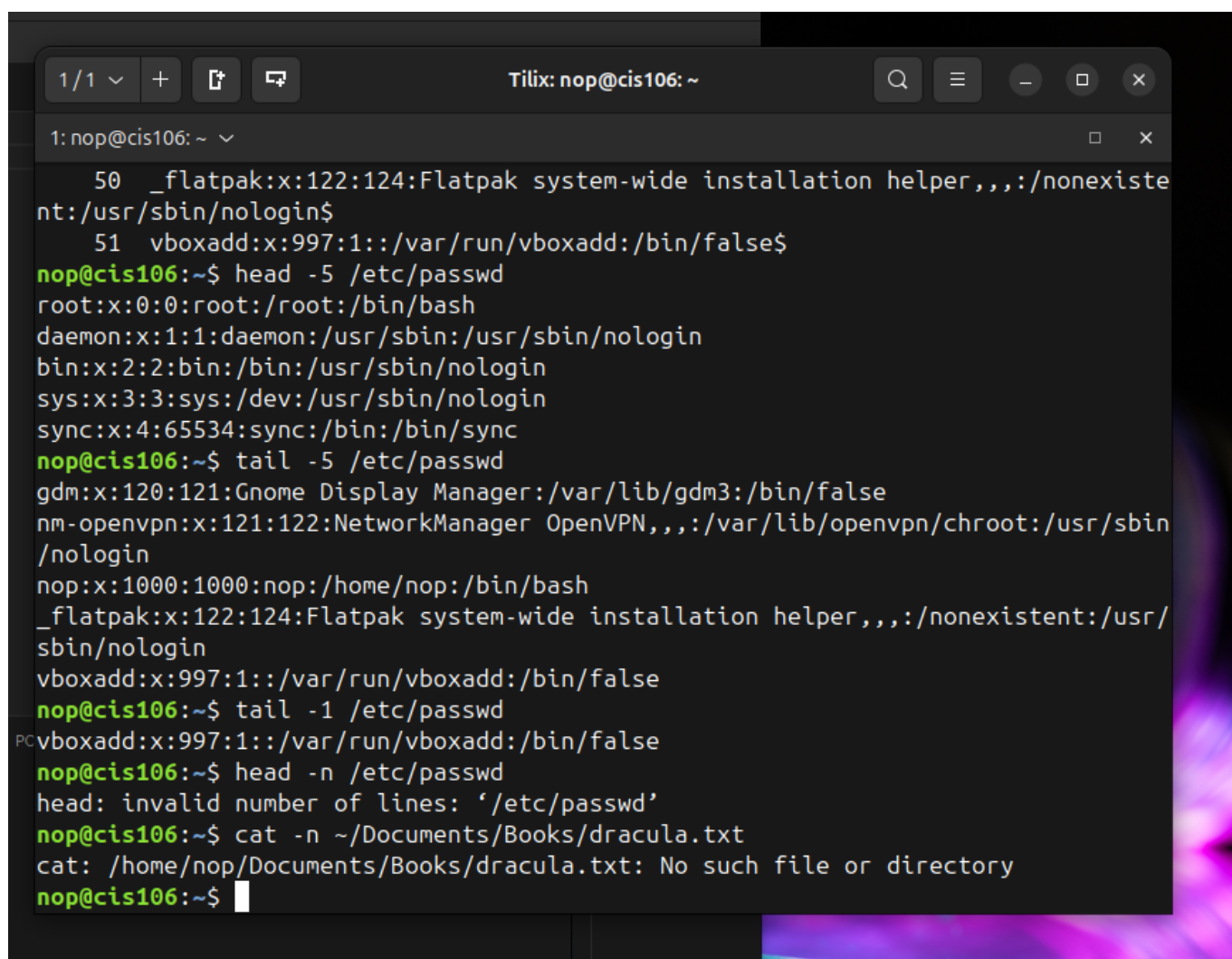


## Practice 1

---



```
1/1  +  [copy] [paste]  Tilix: nop@cis106: ~  [search] [menu] [back] [forward] [close]

1: nop@cis106: ~  [close]

50 _flatpak:x:122:124:Flatpak system-wide installation helper,,,:/nonexistent:/usr/sbin/nologin$
51 vboxadd:x:997:1::/var/run/vboxadd:/bin/false$
nop@cis106:~$ head -5 /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
nop@cis106:~$ tail -5 /etc/passwd
gdm:x:120:121:Gnome Display Manager:/var/lib/gdm3:/bin/false
nm-openvpn:x:121:122:NetworkManager OpenVPN,,,:/var/lib/openvpn/chroot:/usr/sbin/nologin
nop:x:1000:1000:nop:/home/nop:/bin/bash
_flatpak:x:122:124:Flatpak system-wide installation helper,,,:/nonexistent:/usr/sbin/nologin
vboxadd:x:997:1::/var/run/vboxadd:/bin/false
nop@cis106:~$ tail -1 /etc/passwd
vboxadd:x:997:1::/var/run/vboxadd:/bin/false
nop@cis106:~$ head -n /etc/passwd
head: invalid number of lines: '/etc/passwd'
nop@cis106:~$ cat -n ~/Documents/Books/dracula.txt
cat: /home/nop/Documents/Books/dracula.txt: No such file or directory
nop@cis106:~$
```

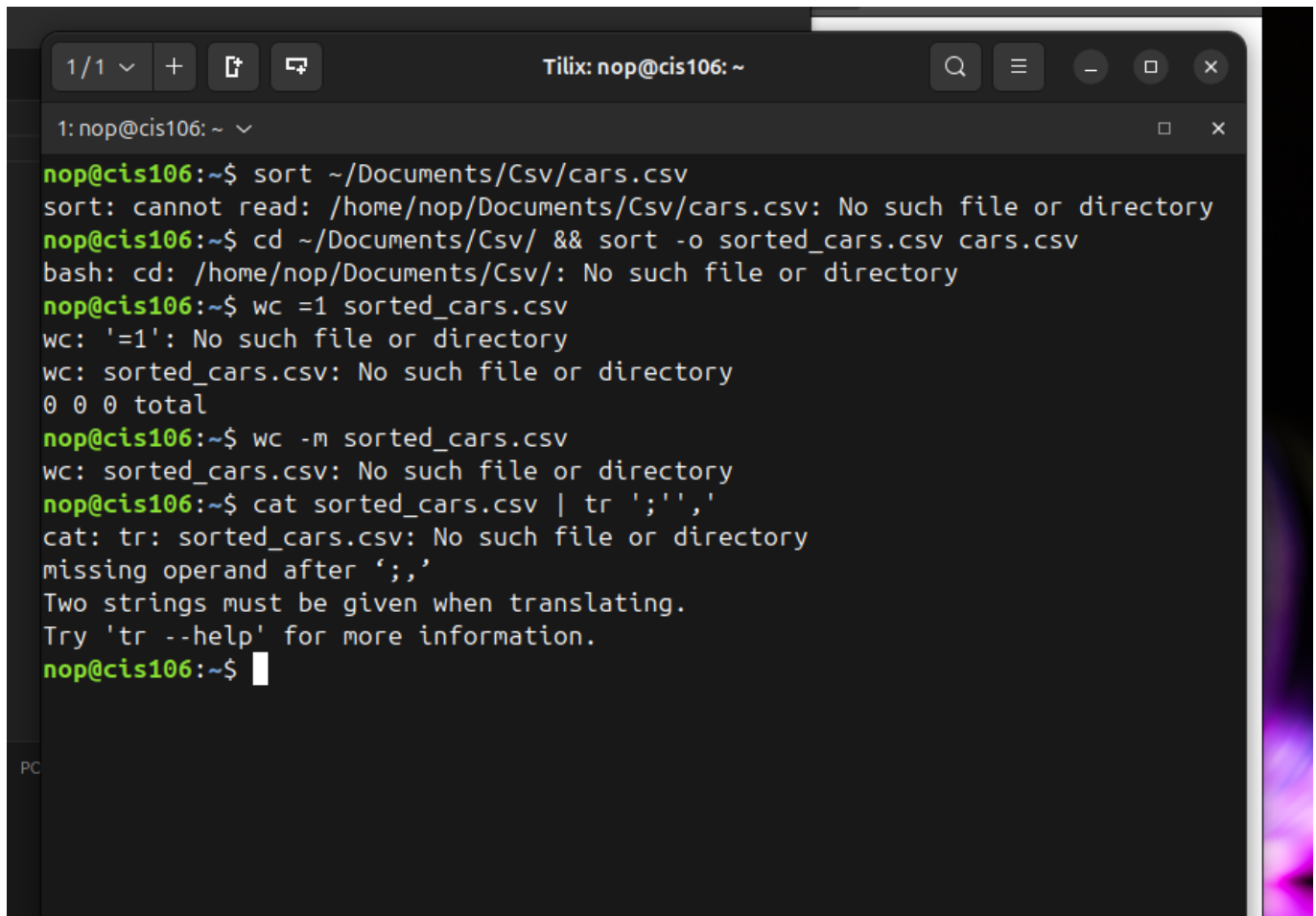
## Practice 2

---

```
1: nop@cis106: ~  
cups-pk-helper>/nonexistent>/usr/sbin/nologin  
fwupd-refresh>/var/lib/fwupd>/usr/sbin/nologin  
saned>/var/lib/saned>/usr/sbin/nologin  
geoclue>/var/lib/geoclue>/usr/sbin/nologin  
cups-browsed>/nonexistent>/usr/sbin/nologin  
hplip>/run/hplip>/bin/false  
gnome-remote-desktop>/var/lib/gnome-remote-desktop>/usr/sbin/nologin  
polkitd>/>/usr/sbin/nologin  
rtkit>/proc>/usr/sbin/nologin  
colord>/var/lib/colord>/usr/sbin/nologin  
gnome-initial-setup>/run/gnome-initial-setup/>/bin/false  
gdm>/var/lib/gdm3>/bin/false  
nm-openvpn>/var/lib/openvpn/chroot>/usr/sbin/nologin  
nop>/home/nop>/bin/bash  
_flatpak>/nonexistent>/usr/sbin/nologin  
vboxadd>/var/run/vboxadd>/bin/false  
nop@cis106:~$ cut -d";" -f1 ~/Documents/Csv/cereal.csv  
cut: /home/nop/Documents/Csv/cereal.csv: No such file or directory  
nop@cis106:~$ cut -d";" -f1,4--output-delimiter=" calories = "  
cut: invalid field range  
Try 'cut --help' for more information.  
nop@cis106:~$ ~/Documents/Csv/cereal.csv  
bash: /home/nop/Documents/Csv/cereal.csv: No such file or directory  
nop@cis106:~$
```

## Practice 3

---

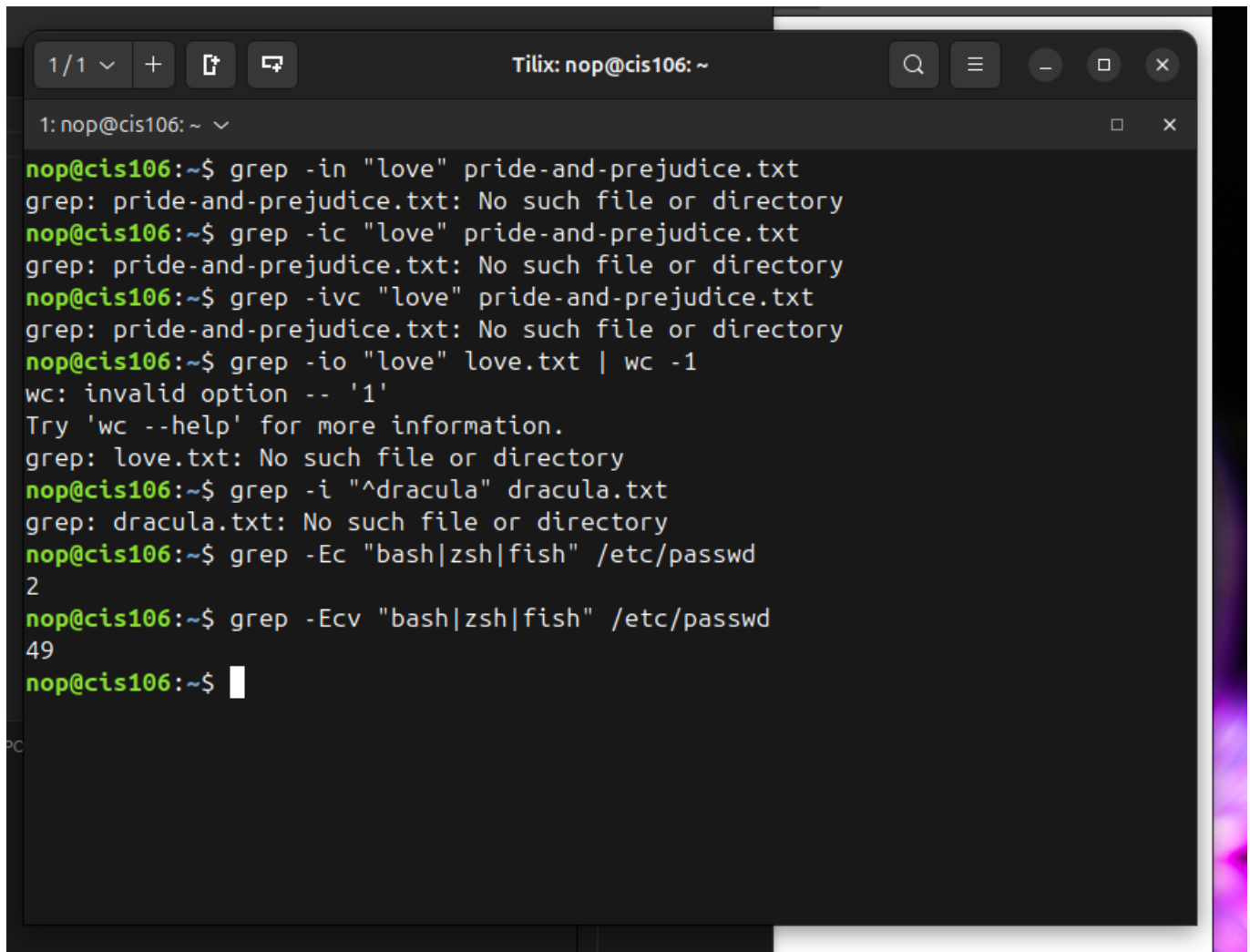


A terminal window titled "Tilix: nop@cis106: ~" showing a series of failed commands. The user attempts to sort a CSV file, change directory, and use various utilities like 'wc' and 'cat' with 'tr', all of which fail due to the file not existing. The terminal output is as follows:

```
1/1 v + [ ] [ ]
Tilix: nop@cis106: ~
1: nop@cis106: ~ v
nop@cis106:~$ sort ~/Documents/Csv/cars.csv
sort: cannot read: /home/nop/Documents/Csv/cars.csv: No such file or directory
nop@cis106:~$ cd ~/Documents/Csv/ && sort -o sorted_cars.csv cars.csv
bash: cd: /home/nop/Documents/Csv/: No such file or directory
nop@cis106:~$ wc =1 sorted_cars.csv
wc: '=1': No such file or directory
wc: sorted_cars.csv: No such file or directory
0 0 0 total
nop@cis106:~$ wc -m sorted_cars.csv
wc: sorted_cars.csv: No such file or directory
nop@cis106:~$ cat sorted_cars.csv | tr ';'','
cat: tr: sorted_cars.csv: No such file or directory
missing operand after ';'
Two strings must be given when translating.
Try 'tr --help' for more information.
nop@cis106:~$
```

## Practice 4

---



```
1/1  +  [copy] [paste]  Tilix: nop@cis106: ~  [search] [menu] [back] [forward] [close]
1: nop@cis106: ~
nop@cis106:~$ grep -in "love" pride-and-prejudice.txt
grep: pride-and-prejudice.txt: No such file or directory
nop@cis106:~$ grep -ic "love" pride-and-prejudice.txt
grep: pride-and-prejudice.txt: No such file or directory
nop@cis106:~$ grep -ivc "love" pride-and-prejudice.txt
grep: pride-and-prejudice.txt: No such file or directory
nop@cis106:~$ grep -io "love" love.txt | wc -1
wc: invalid option -- '1'
Try 'wc --help' for more information.
grep: love.txt: No such file or directory
nop@cis106:~$ grep -i "^dracula" dracula.txt
grep: dracula.txt: No such file or directory
nop@cis106:~$ grep -Ec "bash|zsh|fish" /etc/passwd
2
nop@cis106:~$ grep -Ecv "bash|zsh|fish" /etc/passwd
49
nop@cis106:~$
```