

```
cd /  
cd ..  
ls  
cd /home (or cd ./home, or cd home)  
ls  
cd ubuntu  
pwd  
ls
```

```
touch foo  
ls  
mkdir seminar  
ls  
mv foo seminar  
ls  
ls seminar  
cd seminar  
ls  
mv foo welcome
```

```
ls / > root_list  
ls  
cat  
cat > welcome  
hello  
(ctrl + d)  
cat welcome  
cat > welcome  
welcome to a taste of linux!  
(ctrl + d)  
cat welcome  
cat >> welcome  
thank you for joining!  
(ctrl + d)  
cat welcome  
cat < welcome  
cat < welcome > welcome1
```

```
ls  
cat welcome1  
cp welcome welcome2  
cat welcome2  
rm welcome1  
ls
```

```
rm -f welcome2
rm --help (or rm -h)
man rm


(press q to quit)


man -s 1 -k remove
```

*\*Activity 0\**

```
wc
foo bar
baz
qux
(ctrl + d)
```

```
wc -l
foo bar
baz
qux
(ctrl + d)
```

```
cat welcome | wc -l
```

```
wget https://cdn.cs50.net/2021/x/seminars/linux/shows.csv
cat shows.csv
less shows.csv
j (or Enter) to go to next line
k to go to previous line
space bar to go to next page
b to go to previous page
g to go to the top of the file
shift g to go to bottom of the file
/the to search for the
n to jump to next finding
shift n to jump to previous finding
-i to toggle case-sensitive search
q to exit
```

```
head shows.csv
head -n 28 shows.csv
tail shows.csv
tail -n 28 shows.csv
wc -l shows.csv
```

```
cut -d, -f2 shows.csv  
cut -d, -f2,3 shows.csv
```

```
sort shows.csv  
sort -n shows.csv  
less shows.csv  
sort -n shows.csv > shows_sorted.csv  
less shows_sorted.csv
```

```
grep friends shows.csv  
grep -i friends shows.csv  
grep -i 'game of thrones' shows.csv  
grep -i of shows.csv  
grep -i '^28' shows.csv  
grep -i sein shows.csv  
sed 's/Seinfled/Seinfeld/' shows.csv  
grep -i sein shows.csv  
sed -i 's/Seinfled/Seinfeld/' shows.csv  
grep -i sein shows.csv
```

```
alias igrep='grep -i'  
igrep sein shows.csv  
history
```

```
find /usr -name 'cs50*'
```

*\*Activity 1\**