http://pad.software-carpentry.org/Coding_Fundamentals_DHSI2018

The above is *one* URL

split over two lines

Two things to keep in mind…

1. Silence is golden (or frustrating)
2. Computers are *very* literal and syntax matters *a lot*

The Cathedral

The Bazaar

“Not only is UNIX dead,
it’s starting to smell really bad.”

–Rob Pike circa 1991
(widely attributed but unsourced)

Some of the major flavours of GNU/Linux available today.
It is unfortunate for the history of the free software movement that “GNU” is so often dropped from the name (possibly because it is too hard to say--why is there no free marketing movement to prevent such things from happening?).
Want to see *all* the flavours in distribution? Look **HERE**.

What do the flags -S, -h, and -r do when combined with the `ls` command?

1. Nothing
2. Display the help file and nothing else
3. Display directory content by file size in reverse order with human readable sizes
4. Flags cannot be combined because of the “one command, one action” policy

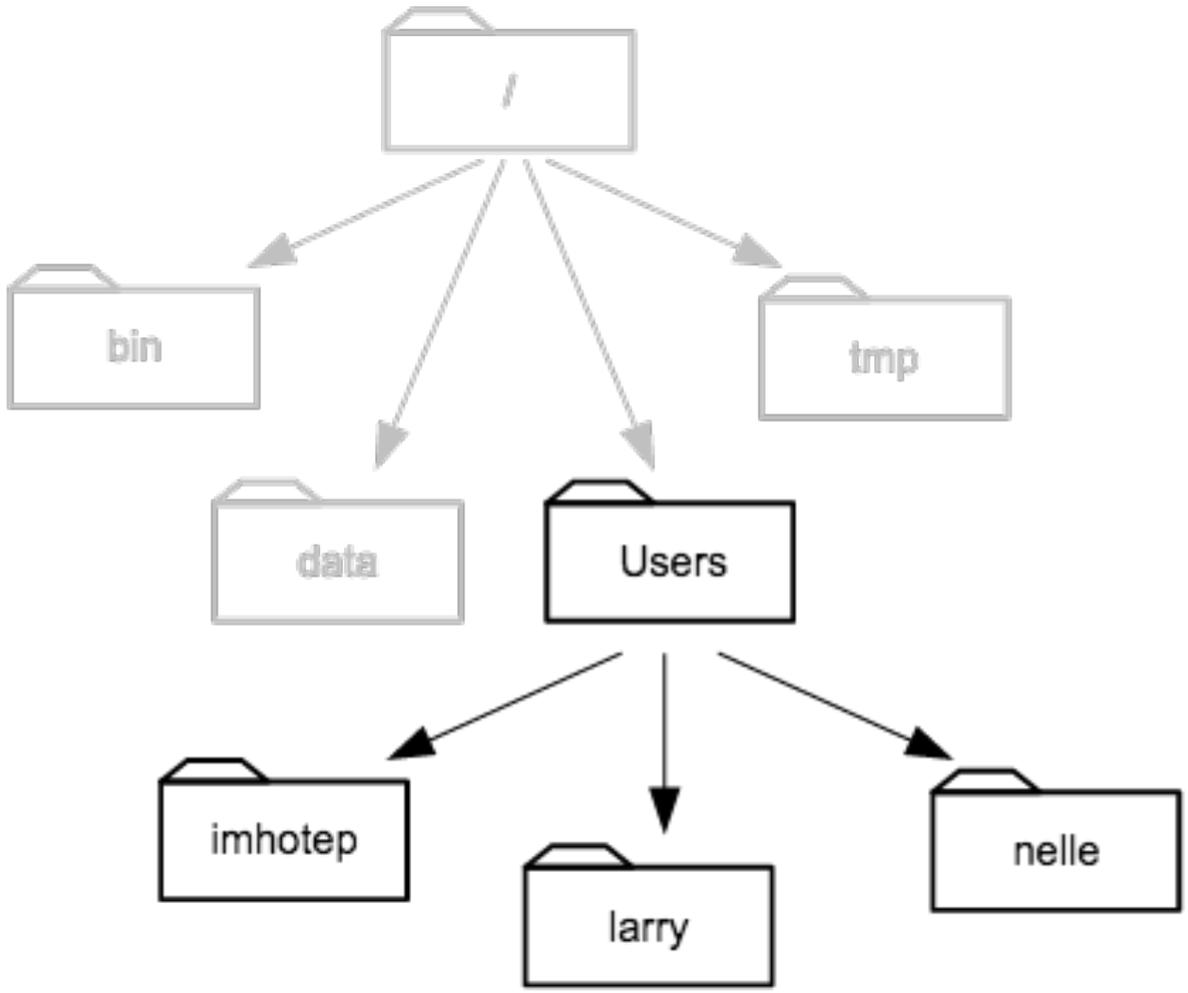
From

`/home/amanda/data/`

which commands could Amanda could use to navigate to her home directory,

`/home/amanda/`

cd .
cd /
cd /home/amanda
cd ../..
cd ~
cd home
cd ~/data/..
cd
cd ..



If someone is in **`nelle/`** then how do they get to **`larry/`** using cd and a relative address?

```
cd Users/larry
```

```
cd larry
```

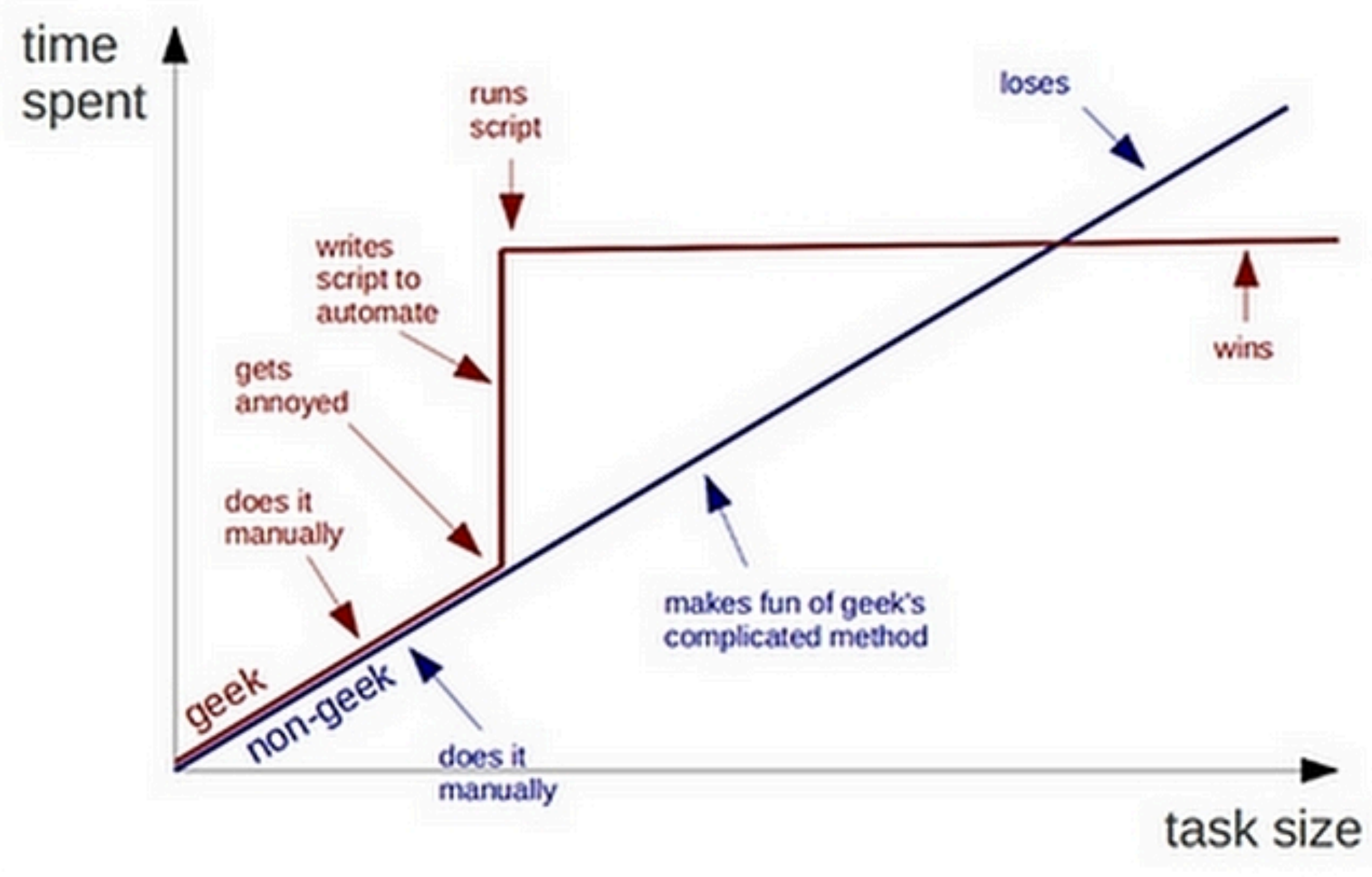
```
cd /larry
```

```
cd ../larry
```

```
cd ../Users/larry
```

If you were asked to describe the grammar of commands on the command line what would you say?

Geeks and repetitive tasks



W A R N I N G: DO NOT RUN THIS CODE

What do you ***think*** that running

```
rm -rf /
```

would do?

W A R N I N G: DO NOT RUN THIS CODE

MAKE ME A SANDWICH.

SUDO MAKE ME A SANDWICH.

WHAT? MAKE IT YOURSELF.

OKAY.