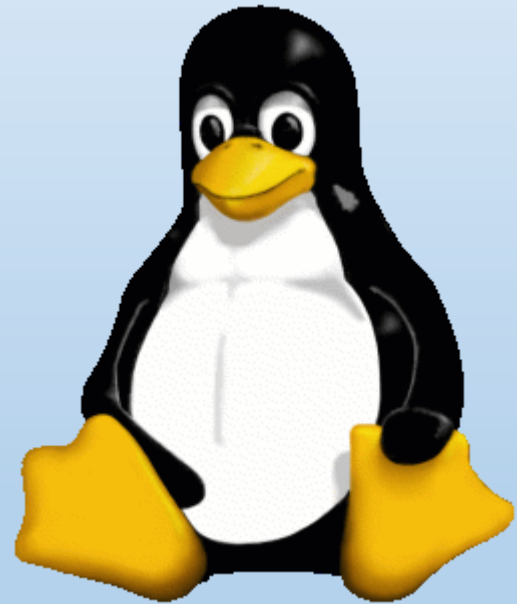


Linux Filesystem



What is this?

A series of mini-games to play with the file system navigation



Path maniac:

Follow the commands and draw the results

How does it work?

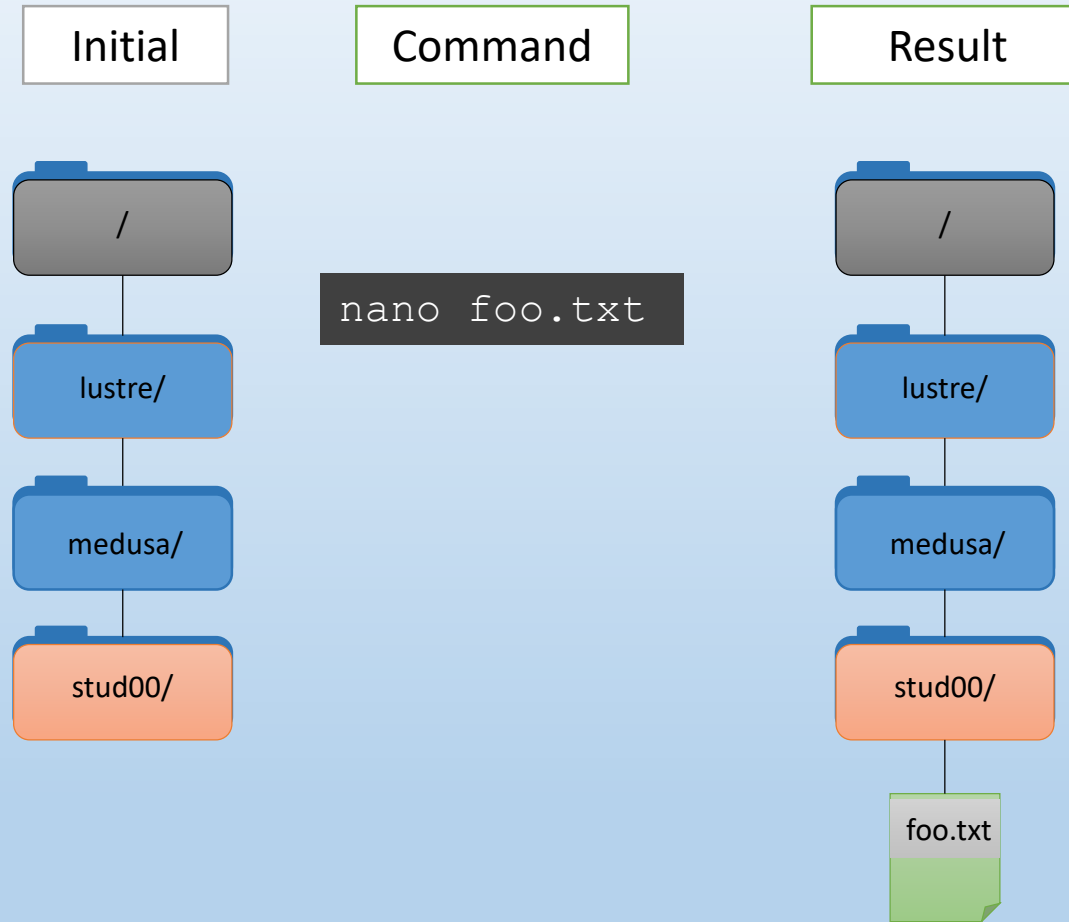
You will be given:

1. A path tree
2. A series of commands

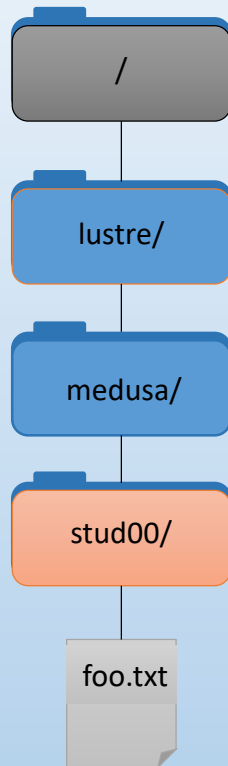
Your mission:

- Draw the resulting tree

working
directory

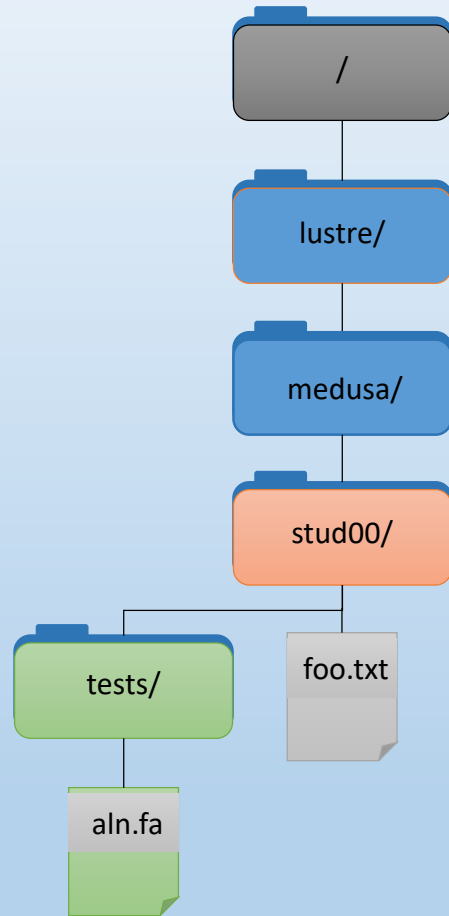


Path maniac:
Follow the commands and draw the results



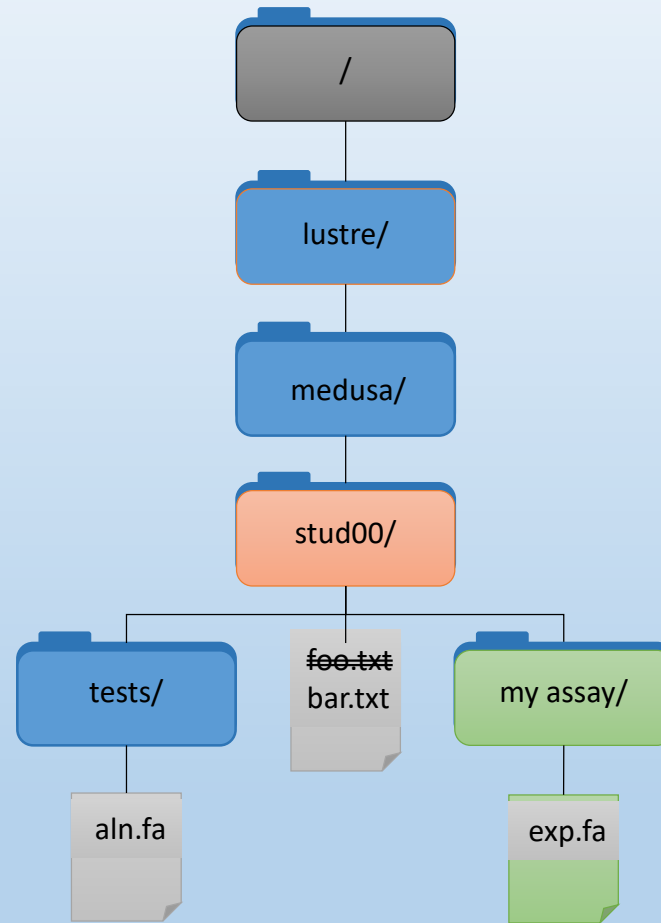
```
mkdir tests  
nano tests/aln.fa
```

Path maniac:
Follow the commands and draw the results



```
mkdir "my assay"  
cp tests/aln.fa "my assay/exp.fa"  
mv foo.txt bar.txt
```

Path maniac:
Follow the commands and draw the results



Absolute advantage:

Describe the differences using only absolute paths

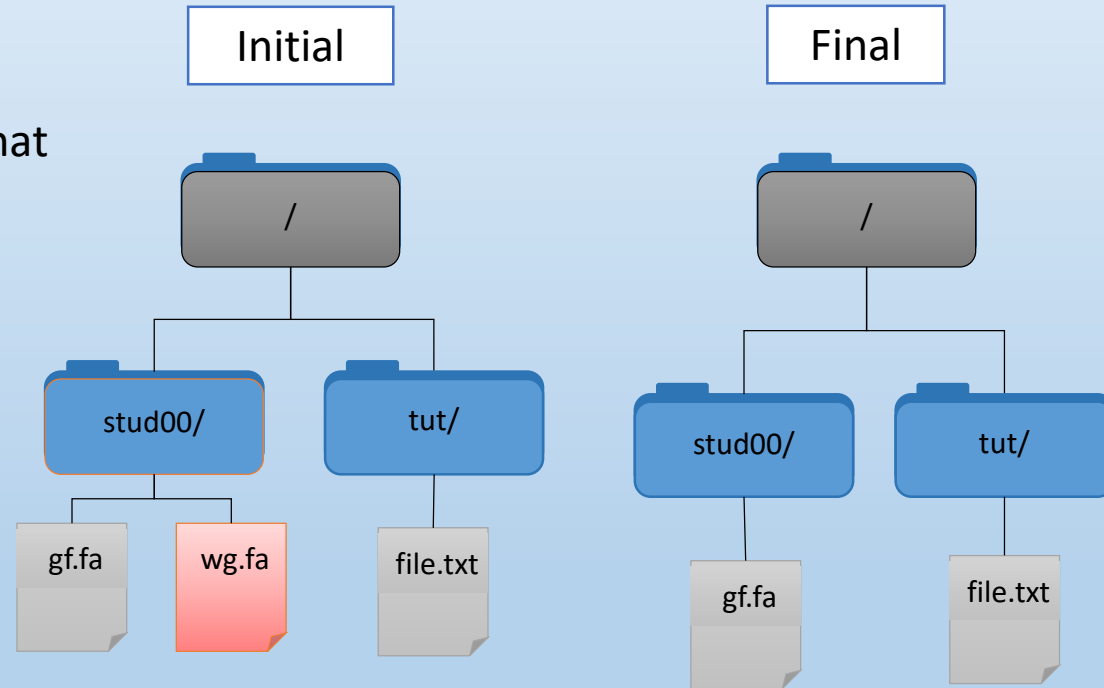
How does it work?

You will be given:

1. An initial path tree
2. A final path tree

Your mission:

- Write the commands that make the change using absolute paths

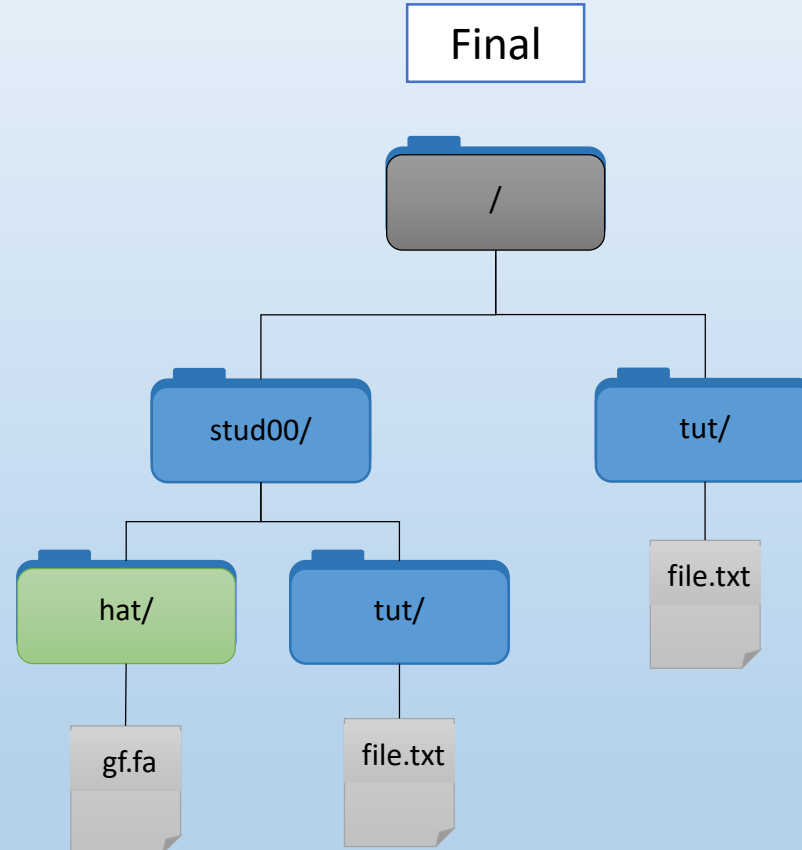
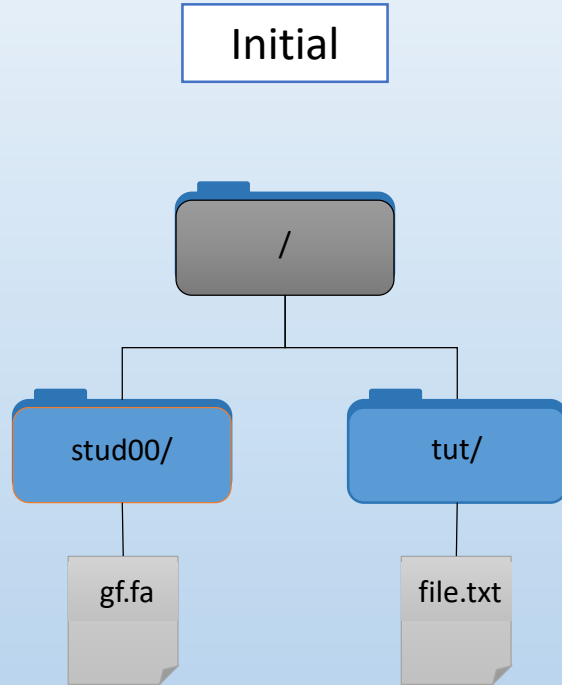


Command

```
rm /stud00/wg.fa
```

Absolute advantage challenge:

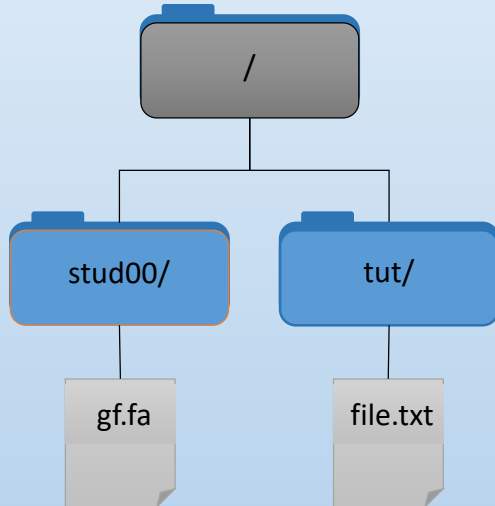
Describe the 3 differences using only absolute paths



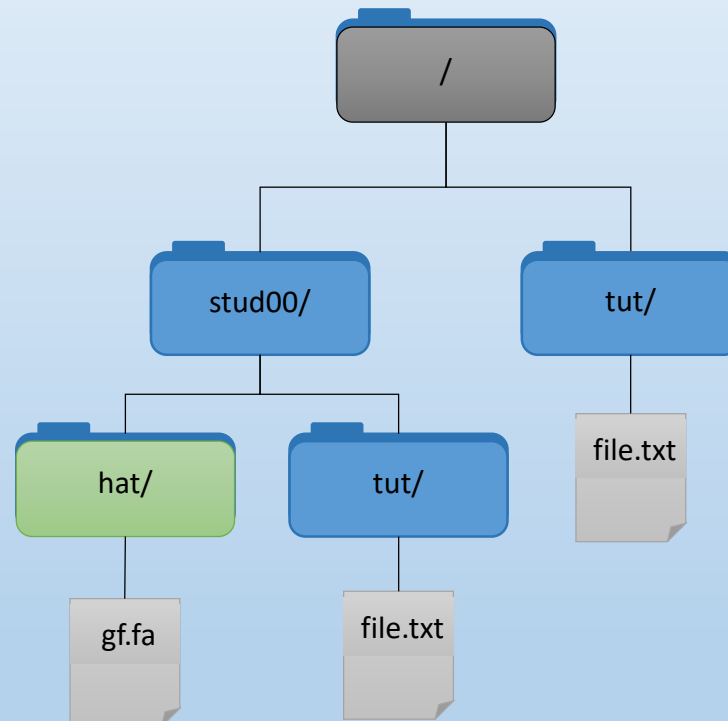
Absolute advantage challenge :

Describe the 3 differences using only absolute paths

Initial



Final



Commands

```
mkdir /stud00/hat  
mv /stud00/gf.fa /stud00/hat  
cp -r /rnaseq_ws/tut/ /stud00/
```

Special relativity:

Describe the differences using only relative paths

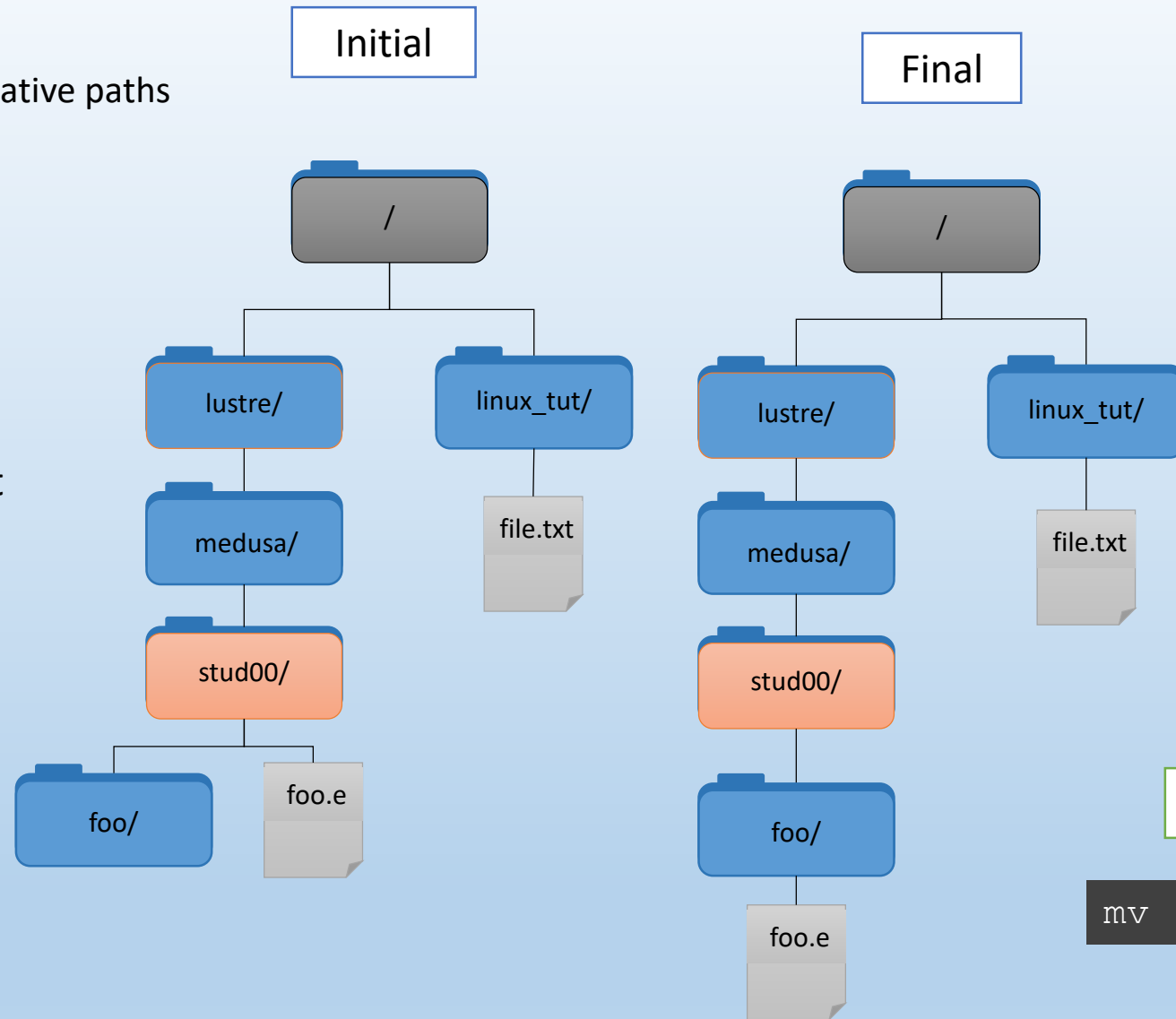
How does it work?

You will be given:

1. An initial path tree
2. A final path tree

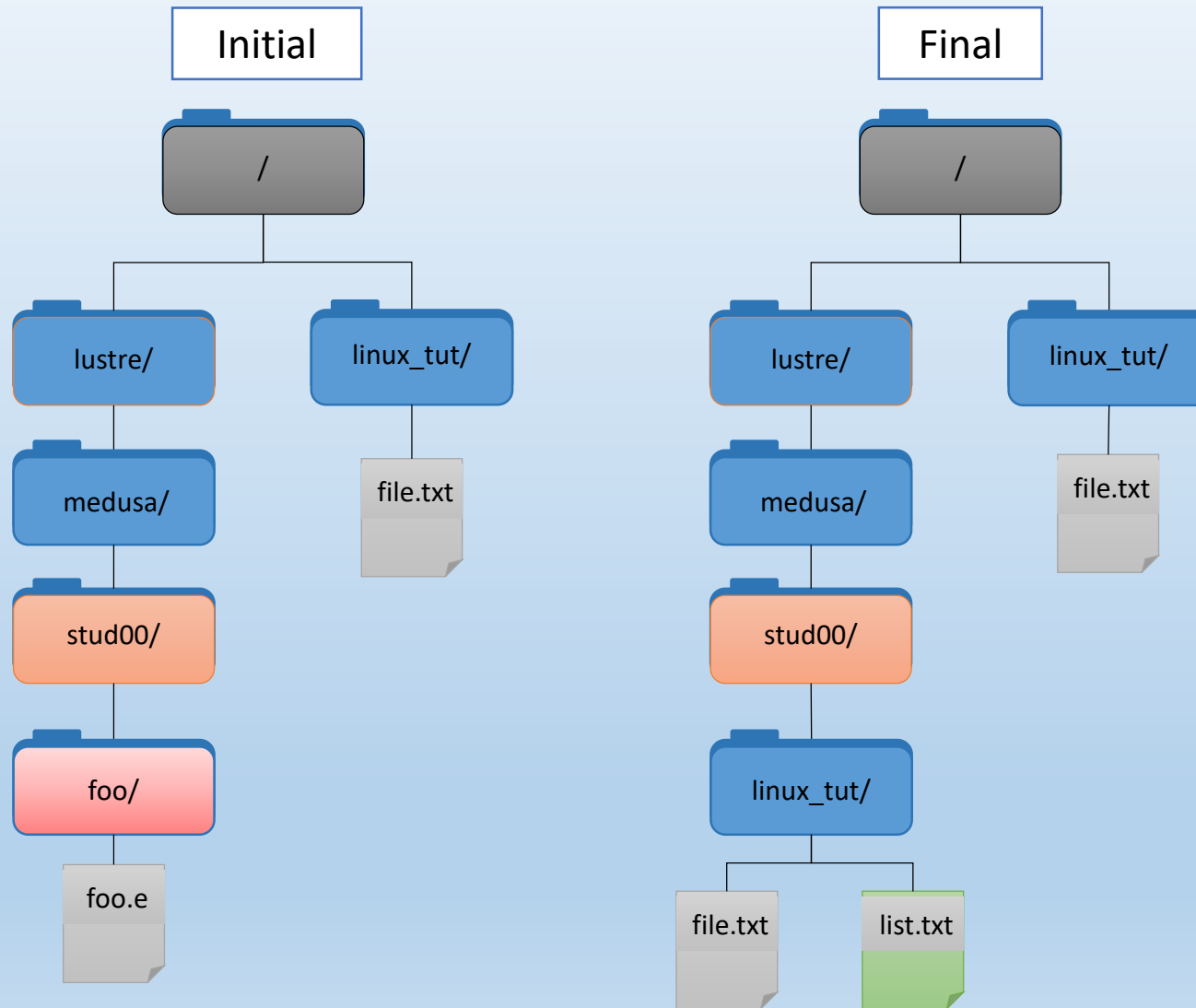
Your mission:

- Write the commands that make the change using relative paths



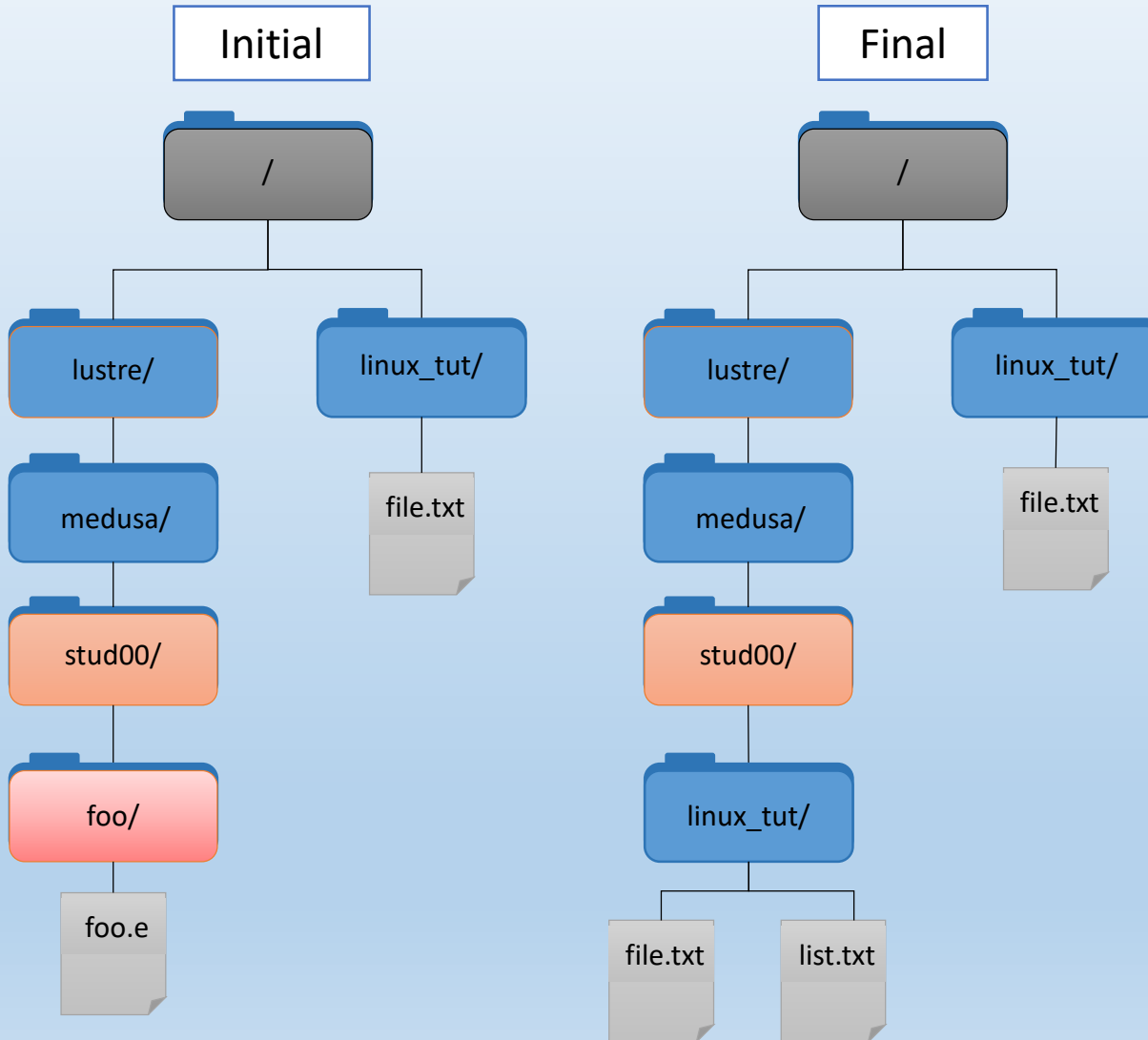
Special relativity challenge:

Describe the 3 differences using only relative paths



Special relativity challenge :

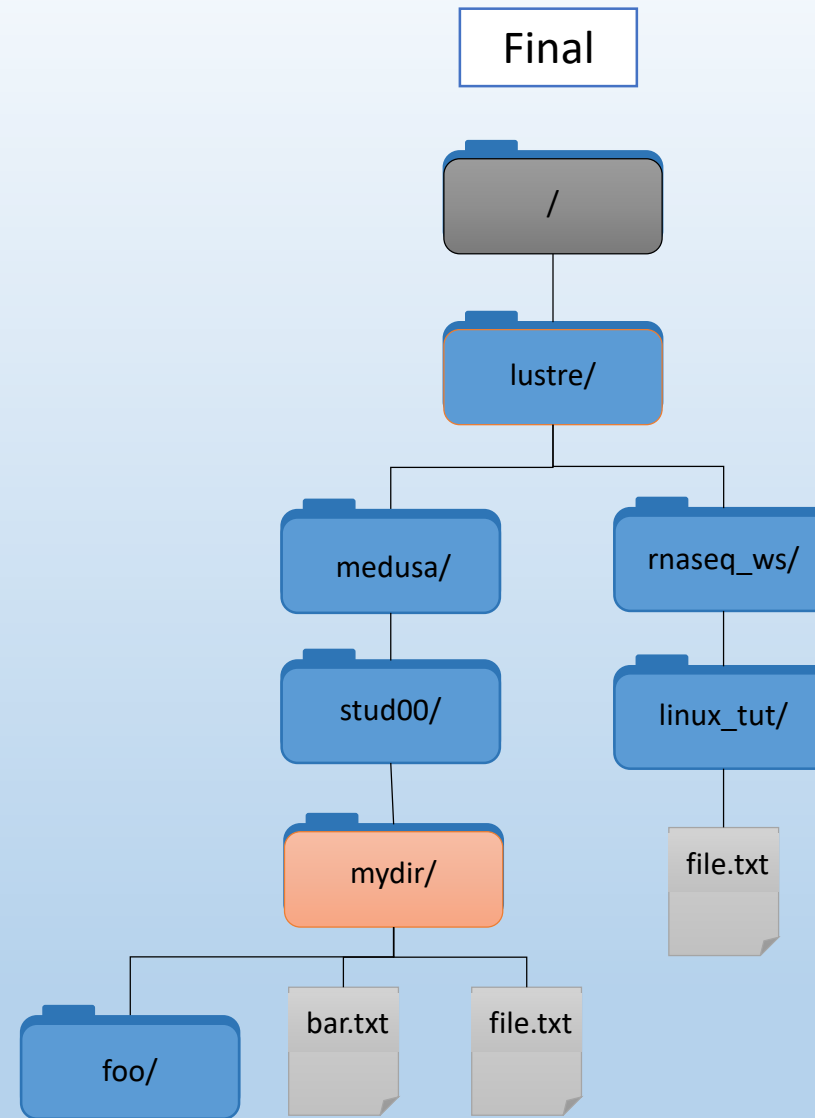
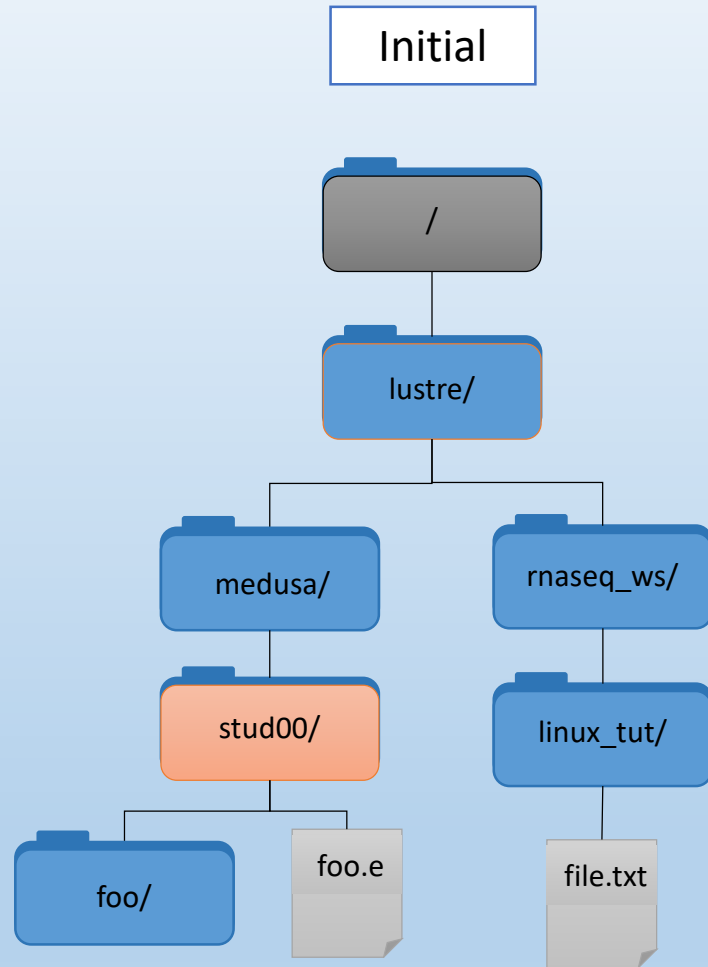
Describe the 3 differences using only relative paths



Commands

```
rm -r foo  
cp -r ../../../../linux_tut/ .  
nano linux_tut/list.txt
```

Final challenge:
Describe any differences you can find



Final challenge:

Describe any differences you can find

Option 1

```
mkdir mydir
rm foo.e
cd mydir
mv ../foo .
nano bar.txt
cp /lustre/rnaseq_ws/linux_tut/file.txt .
```

Option 2

```
rm foo.e
mkdir mydir
mv foo/ mydir
cp ../../rnaseq_ws/linux_tut/file.txt mydir/
cd mydir
nano bar.txt
```

THANK YOU



ESCAPE

He finally did it!