

Remember Yesterday?

We learnt...

- To move run the file system – pwd, cd, cp, mv
- To use pipes and filters - |, sort, wc
- To use file permissions – chmod
- To find stuff – find, grep
- To run jobs at the same time – bg, fg, &
- To make variables – export, =

A new thing to wake you up

- Yesterday we learnt about double and single quotes

```
york_workshop_shell sjp23$ Y=Hello
```

```
york_workshop_shell sjp23$ echo * $Y
```

```
acsoe pain presentations snooze.sh
```

```
york_shell.tar.gz Hello
```

```
york_workshop_shell sjp23$ echo "* $Y"
```

```
* Hello
```

```
york_workshop_shell sjp23$ echo '* $Y'
```

```
$Y
```

- Double quotes tell the shell to expand variables but not * or ?
- Single quotes tell the shell that we literally want what we typed.

Backticks

- Run a command and return the output to the shell
- For example. Capture the output in a variable.
`Y = `wc -l * | head -1``
- Another way to capture output:
`Q=$(ls)`