Software Tools W1L1

# Shell Expansion

## Whitespace

*Based on these examples, how does the shell handle whitespace in the line you type?*

* It ignores the whitespace if it is just as part of the arguments, however, keeps the whitespace if it is part of quotation.

## Pattern matching

1. “./arguments \*” will use all the files within the folder as arguments
2. “../arguments \*” in the empty subfolder will cause an error, as there are no arguments.
3. ./arguments “\*”, ./arguments ‘\*’, making a file called \* in empty subfolder and doing ../arguments \* in the empty subfolder.

## Files with spaces in their names

* Doing “touch silly named file” would create 3 files, “silly”, “named”, and “file”, whereas touch “silly named file” would create a single file called “silly named file”.
* “ls sill” would auto complete to “ls silly\ named\ file”.
* “./arguments Hello\ world!”