

# PIPING (CH05)

- Connects stdout of command to stdin of next command
- Same as using stdout redirection to file followed by stdin redirection
- **Usage:** `command1 [arguments] | command2 [arguments]`
- **Examples:**
  - `ls | wc -l`: count number of files

# GREP

- Search file for a string
- Example: `grep word filename`
- Matches any occurrence, to search for whole words:

```
grep -w word filename
```

- Options:
  - `-i`: ignore case
  - `-r`: recursive

# WILDCARDS (CH05)

- Expand filename to any matching pattern
- Wildcards:
  - \*: any number of any characters
  - ?: any single character
  - [: character class or range (includes  
[ :upper: ], ...
  - !: can be used to specify complement
- More details: `man 7 glob` (on linux)
- globbing: pathname expansion
- commands only see list of matching filenames

# **MINILAB 2**

In the minilabs folder on the repo.