

# Pipes, Functions, and Iteration

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# What is literate programming?

- Documentation containing code (not vice versa!)
- Direct connection between code and explanation
- Convey meaning to humans rather than telling computer what to do!

# Why not just use scripts

# Better documentation, better reproducibility: Quarto

# Keeping your documents readable

# Pipes

# Iteration

# Building your own functions



# Documenting functions

# Bringing it all together: Project Management

# Directory structure

# The data folder

# The scripts folder

# The docs folder

# Avoiding pitfalls with git

- Always pull before you start working on anything new
- Avoid committing large files
- Using `.gitignore`

