AAAAAAAA

Regex

- Retrieve information from a string
- Patient ID -> /(\d+)/
- Patient Category -> category_(\d+)
- Exercise -> /(\w+)\d.csv

data/Category_1/18/AF2.csv
data/Category_1/18/AB2.csv
data/Category_1/18/EL2.csv

Override default functionality

- Doesn't provide the desired functionality

Directories
----
data/Category_1/18/m

Files
------
data/Category_1/18/AF2.csv
data/Category_1/18/AB2.csv
data/Category_1/18/EL2.csv
data/Category_1/18/EH2.csv
data/Category_1/18/RF2.csv
data/Category_1/18/RF1.csv
data/Category_1/18/EL1.csv
data/Category_1/18/EH1.csv
data/Category_1/18/AB1.csv
data/Category_1/18/AF1.csv

<fd.dir.Dir object at 0x7fb8e4951bd0>

Reliability of a codebase can be increased by raising exceptions when appropriate

Exceptions

Solve complex problems by reducing said problem to a simple answer

Recursion

Anonymous functions (lambda)

- Helps create a more dynamic code setup
- Just like functions

Callback

- Method signature accepts function references
- Switching out small checks or instance creations by callbacks greatly enhances a codebase's flexibility