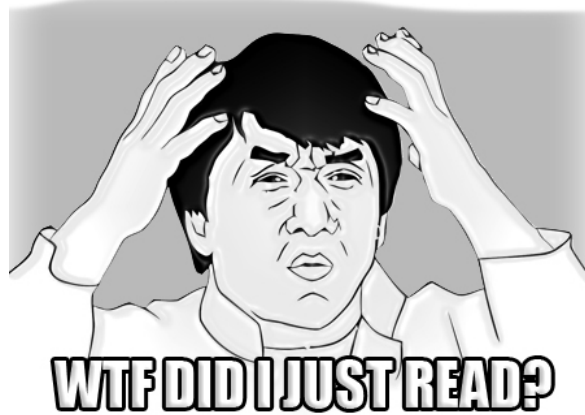


WEEK 6 REVIEW: February 16, 2017



File Reading

- How to READ a file: `fileIn = open(fileName, "r")`
 - `fileIn`: file variable
 - `open()`: function, returns a file variable, takes in two parameters
 - `fileName`: a string that contains the file path
 - `"r"`: the permissions or what you want to do to the file. In this case, the `r` means read
- Reading from a file syntax: use a for loop. to go through each element in the file. So: `for line in fileIn`. Think of `fileIn` as the entire file's contents that you can now examine. Think of it like a list of the lines of the file
- How to WRITE to a file: `fileOut = open(fileName, "w")`
 - `fileOut`: file variable
 - `open()`: function, returns a file variable, takes in two parameters
 - `fileName`: a string that contains the file path
 - `"w"`: the permissions for what the user wants to do to the file. In this case, write to the file
- Writing to a file: `print(printStatement, file=fileOut)`. `fileOut` is whatever you called the return value of the `open()` function
- If you want to print stuff in a list to a file, you will need to use a loop