

# Week 6 - File I/O

```
Name = input("What's your name? ")
```

```
file = open("names.txt", "w")
```

Function

file name

Write to file/will remove all existing text in file

\*Will open the file that has this name. If no file has that name one will be created

Open - Opens a file allowing you to read from a file or write to it

```
Open("placeholder.txt", "x")
```

"x" can be replaced with a few different options

- ↳ "r" - (read), opens an existing file for reading, else File Not Found Error
- ↳ "w" - (write), open/create file for writing. If file already exists its contents are deleted.
- ↳ "x" - Will raise File Exists Error if file exists. To ensure a file does/doesn't exist
- ↳ "a" - (append), open/create file for writing new data at end. Doesn't delete existing text
- ↳ "

With `open("names.txt", "r")` as file: } Better way to setup  
... `lines = file.readlines()` } Open. No need to `file.close()`

↳ Returns lines in "names.txt" as a list

## File Types

- .txt - (text) file
- .csv - (Comma separated values) text file separated by commas