

Mad Libs 2

Why do we need external files?

- Makes it easy to take in large amounts of input
- Allows to permanently store results on the computer

Process for reading/writing files

- Open file
- Read/write
- Close

Opening and closing files

```
file = open("fileName", "access mode")
```

“r”: read mode

“w”: write mode

“a”: append mode

```
file.close()
```

Reading files

`file.read(x)`

`file.readline(x)`

`file.readlines()`

How does Python read files?

Writing files

`file.write(s)`

`file.writelines(s)`

Opening and closing with “with”

with open(“filename”, “access mode”) as file:

file.read/write/whatever

Mad Libs 2

Complexity

Open/close files