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Files

Programming in Python¹

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Lecture IX: Files



File read access

```
f = open('filename.txt', 'r') # read only

# iterating on a file reads (all) the lines
for i in f:
    print(i)

# End of file already reached, result is ''
f.readline()

f.close()

# File closed, error!
f.readline()
```

To avoid remembering to close explicitly, Python provides the **context manager** syntax.

```
with open('filename.txt', 'r') as f:
    for i in f:
        print(i)
```

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