File Handling

→ File handling

   → read, write and save files

abc.txt

```
a b c
```

→ Open a connection

Stream / read / write
Contents of file
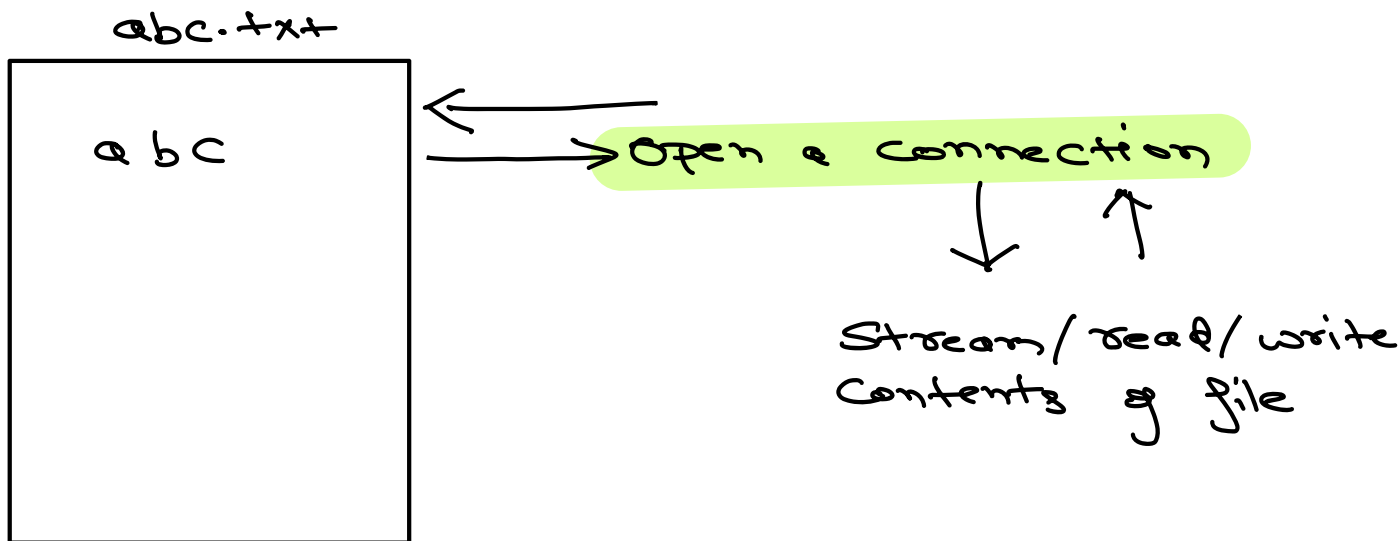
Why do you want to
read and write ?

Memory

Primary
(RAM)
→ Costly and limited
→ Volatile/Non persistent

Secondary
HDD, SSD etc.
→ Cheap
→ Persistent

'abc' $\longrightarrow$ encoding algorithm

$\Rightarrow$ utf-8
$\Rightarrow$ ASCII
$\Rightarrow$ ANSI
$\Rightarrow$ Unicode

97,98,99 number

Binary

Encoding Algorithm:

{ 'a' : 97
  'b' : 98
  'c' : 99
  ';'
  ';'
}

{ 97 : 'a'
  98 : 'b'
  99 : 'c'
}

abc $\longrightarrow$ open(r)

c---.↑c

f.read() $\longrightarrow$ abc

f.read() $\longrightarrow$ e,

To reset $\longrightarrow$ f.seek()
To check $\longrightarrow$ f.tell()