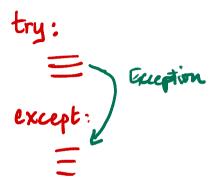
#### Lecture 17, 14 October 2025

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Programming and Data Structures with Python

## Exception handling



Context: User input

Not always about errors

Count occurrences of a value in a list Dictionary of counters

# get a city c

In Python - via str

2 = input()

string

raise Value Error (msg)

Msg = "Negative input"+
str(v)

Typical situation

place to insert value

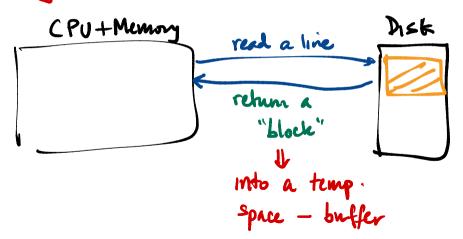
# String formatting

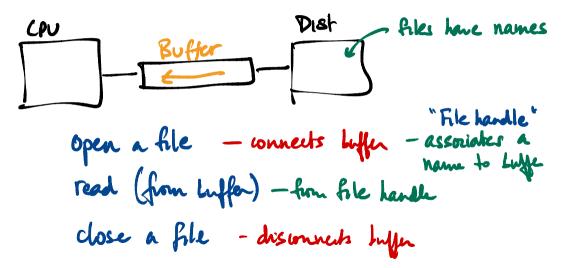
### Formulty

% 7.2 f width after decime pt

#### Files

Memoy is much faster than drick

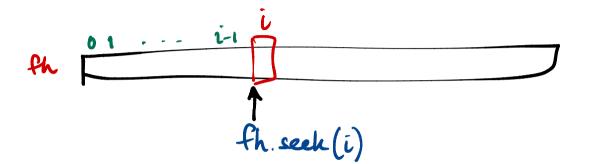




2/2

```
Open (attach file handle)
Write (to file hulle) ->
                            "flush" the buffer
Close
   L'otherise buffer may not thush
    Overwhe vs appeal
```





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