Primera clase: Conociendo Python

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Introducción

About this presentation

This presentation is supposed to briefly showcase what you can do with this package.

For a full documentation, read the online book.

My first slide

Here come my three favourite fonts:

My first slide

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1. Atkinson Hyperlegible
2. Alegreya
3. TeX Gyre Pagella

My first slide

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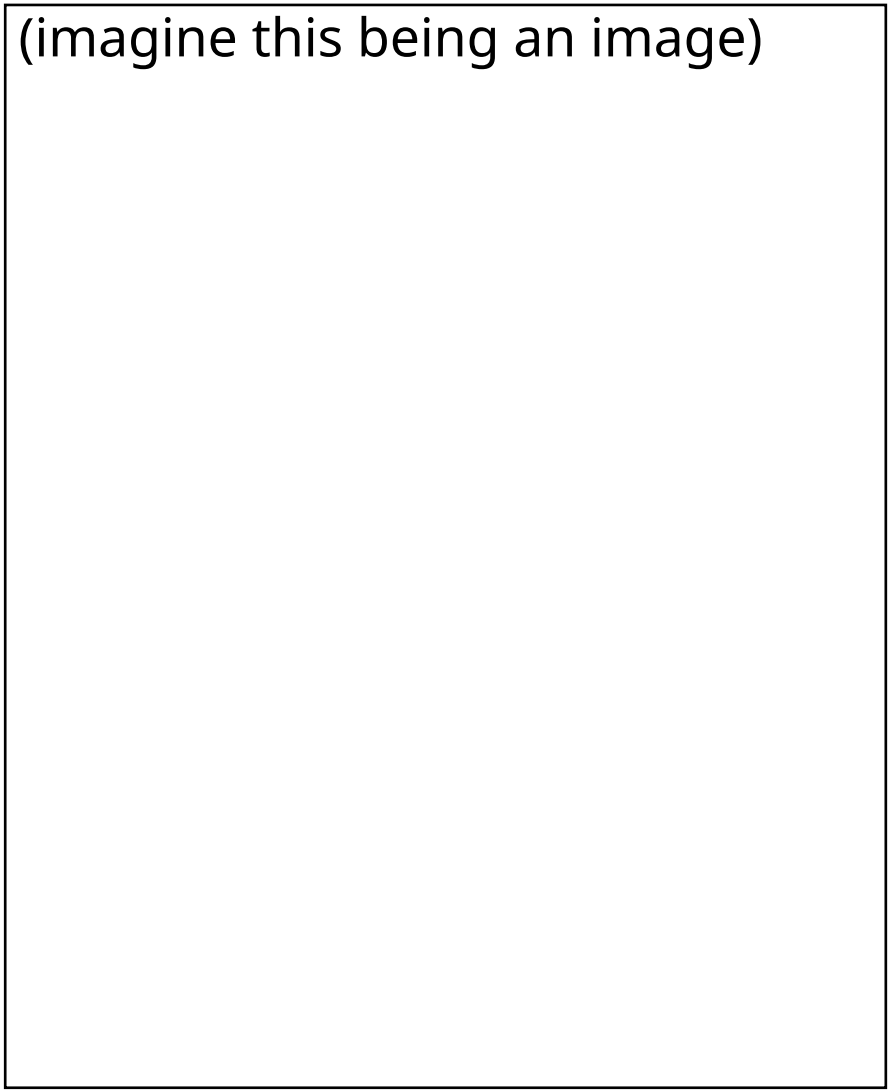
And now some math:

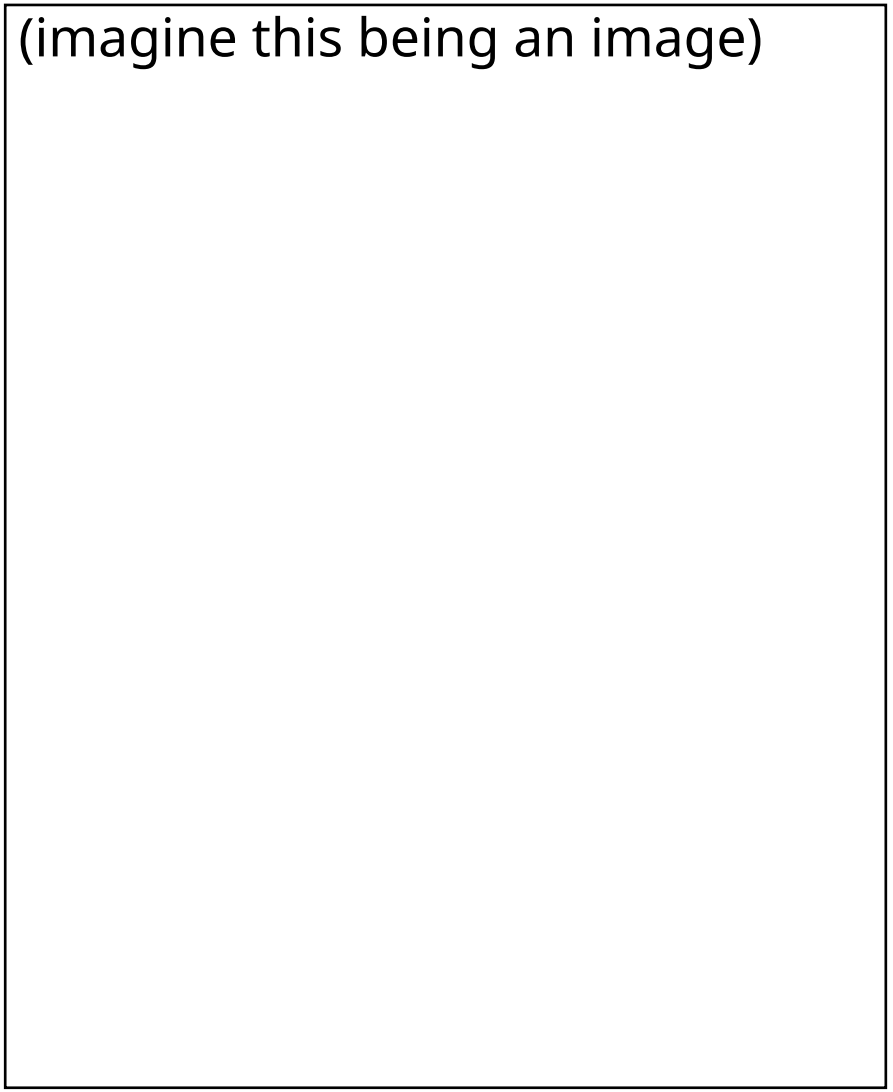
$$\sum_{k=1}^{n} k = \frac{n(n+1)}{2}$$

Second slide



On the left, you see a beautiful image.

Second slide



On the left, you see a **not so** beautiful image.

Dynamic overlays

This line is always visible.

Only on the first subslide.

Dynamic overlays

This line is always visible. This appears on subslide 2.

Only on the second subslide.

Dynamic overlays

This line is always visible.
subslide 3 on.

Only from the third subslide onward.

This stays from

Item-by-item list

1. Define the goal
2. Sketch the steps
3. Fill in the details
4. Share the result

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Reveal code

Esto se mantiene en todas las slides

```
total = 0
```

Reveal code

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total = 0
for i in range(1, 4):
    total += 1
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print(total)
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Reveal code

También en todas las slides, pero...

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```

Inicializamos un contador en 0

Reveal code

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```

Iteramos desde 1 a 4...

Reveal code

También en todas las slides, pero...

```
total = 0
for i in range(1, 4):
    total += 1
print(total)
```

```
5
```

Imprimimos el total

Reveal code

También en todas las slides, pero...

```
total = 0
for i in range(1, 4):
    total += 1
print(total)
```

Qué bonito código que escribimos!

Vemos `uncover()`

Acá empieza el texto...

conserva espacios!

Vemos `uncover()`

Acá empieza el texto... **aparece después** conserva espacios!

Veamos cómo funciona `#show: later`

first

Veamos cómo funciona `#show: later`

first

second

Veamos cómo funciona `#show: later`

first

second

third

Un later mas complejo...

this is scope 1

this is scope 2

Un later mas complejo...

this is scope 1 still scope 1

this is scope 2 still scope 2

Do you know

Do you know π

Do you know π to a thousand decimal places?

This

This came

This came pretty late.

- first
-
-

Este texto **siempre** está.

- first
-
-

- first
- second
-

Este texto **siempre** está.

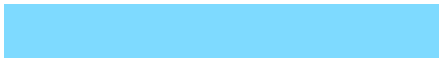
- first
- second
-

- first
- second
- third

Este texto **siempre** está.

- first
- second
- third

https://polylux.dev/book/dynamic/alternatives.html



hola?

que paso?

Codly features

```
def fib(n):
    if n ⩽ 1:
        return n
    else:
        return fib(n - 1)(a) + fib(n - 2)(b)
print(fib(25))
```

Codly features (II)

example.py

```
def fib(n):
  if n ⩽ 1:
    return n
  else:
    return fib(n - 1) + fib(n - 2)
print(fib(25))
```