STURPY

FIXING PYTHON'S LEXIC PROBLEMS 

Logic of Computing - Insper

Python is a great language

Great readability

Versitile

Easy to learn!

... but

it is not great for big projects

Motivation

Characteristics

Trivia

Examples

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Python's biggest flaws

- Slowness (not covered by SturPy)
- Unreliability

Python's dinamic typing is great for new users,
but can be very problematic as a project scales

TS (that is what makes TypeScript so loved)

What if we could do the same with Python?

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SturPy uses already defined syntax by the typing module, but makes it mandatory

Variable Declarations

```
x : int = 3
y : int = input()
```

Function Declarations

```
def sum_of_evens(n:int) -> int:
```

Compile programs with .spy or .🧱 extensions!

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SturPy can't fix the error speed, but Mojo Lang might...

Learn more about it here!

When designing SturPy I didn't know about Mojo, but after learning that you could use an emoji as an extension I had to do the same

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Sum of Evens

```
def sum_of_evens(n: int) -> int:
    total : int = 0
    i : int = 2
    while (i < n or i == n):
        total = total + i
        i = i + 2
    return total

n : int = input()

result : int = sum_of_evens(n)
print("The sum of evens from 0 to n is")
print(result)
```

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To see SturPy in action visit my GitHub!

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