

Pydon'ts

Write elegant Python code (v2)

by Rodrigo Girão Serrão

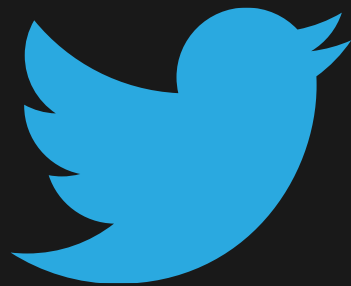
Pyjamas Conf 2021

About me

Rodrigo Girão Serrão

- Formal education: maths
- Writing Python since 2012
- Training/teaching:
 - Python, maths, etc (mathspp.com)
 - APL (Dyalog Ltd.)
 - (Python) freelancing





@mathsppblog

Task

```
>>> swap_case("Hello, world!")  
'hELLO, WORLD!'
```

```
>>> swap_case("abCde 15")  
'ABcDE 15'
```

A little detour...

Refactoring recap

- refactor `for` loop;
- use a conditional expression;
- leverage appropriate string method (`isupper`);
- replace ITM pattern with list comprehension;
- use THE appropriate string method.

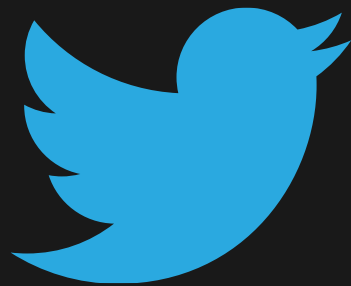
References

- Bite-sized refactoring, <https://mathspp.com/blog/pydons/bite-sized-refactoring>
- Does elegance matter, <https://mathspp.com/blog/pydons/does-elegance-matter>
- Why mastering Python is impossible, and why that's ok, <https://mathspp.com/blog/pydons/why-mastering-python-is-impossible>
- Conditional expressions, <https://mathspp.com/blog/pydons/conditional-expressions>
- List comprehensions 101, <https://mathspp.com/blog/pydons/list-comprehensions-101>
- Talk “Alex” mentioned, <https://www.youtube.com/watch?v=s6dJab2qwkg>

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