

Python riddle 1

Write a Python 3 script that imports no modules, contains no parentheses, and prints something to stdout when executed.

Source: <https://www.reddit.com/user/la-lalxu>

Difficulty: hard. Relevancy to practice: medium. Fun: high. Find more mind screwing Python in a merely related lightning talk (Friday ~17:00) and here: <http://bit.ly/ugly-surprises>

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Python riddle 3

Find a list `items` which contains only lists and integers, such that `print_tree(items)` raises a `RecursionError` exception, independent of the set recursion limit.

```
from collections.abc import Iterable

def print_tree(items, prefix=''):
    if not isinstance(items, Iterable):
        print(f"{prefix}{items}")
    else:
        for item in items:
            print_tree(item, prefix=f"    {prefix}")
```

Difficulty: medium. Relevancy to practice: low. Fun: medium. Find more mind screwing Python in a merely related lightning talk (Friday ~17:00) and here: <http://bit.ly/ugly-surprises>

Python riddle 2

"There should be one - and preferably only one - obvious way to do it." - PEP 20
Find as many non-obvious ways as possible to add a new name to `globals()`!

Difficulty: medium. Relevancy to practice: medium. Fun: low. Find more mind screwing Python in a merely related lightning talk (Friday ~17:00) and here: <http://bit.ly/ugly-surprises>

Python riddle 4

Write code which prints different things to stdout when run with different Python versions without checking for the Python version explicitly or implicitly.

Difficulty: unclear. Relevancy to practice: medium. Fun: low. Find more mind screwing Python in a merely related lightning talk (Friday ~17:00) and here: <http://bit.ly/ugly-surprises>