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A practical introduction to **FP** in Python

FP?

FP — **rewrite** your code?

OOP's **for**

```python
names = ['David', 'Karen', 'Ruben']
secret_names = []
for i in range(len(names)):
    secret_names.append(hash(names[i]))
```

FP's **map**

```
names = ['David', 'Karen', 'Ruben']
secret_names = map(hash, names)
```

rethink

FP — ~~rewrite~~ your code!

```python
a = 0

def inc():
    a += 1

def checker():
    if a > 12:
        print("Enough!")
    else:
        print("Too small yet")
```

```python
def inc(a):
    a += 1
    return a

def checker(a):
    if a > 12:
        print("Enough!")
    else:
        print("Too small yet")
```

What's next?

«A practical introduction
  to functional programming»

bit.do/**fpPython**

Thank you!

Questions?