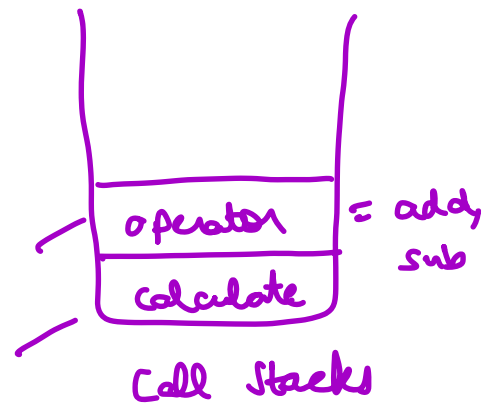
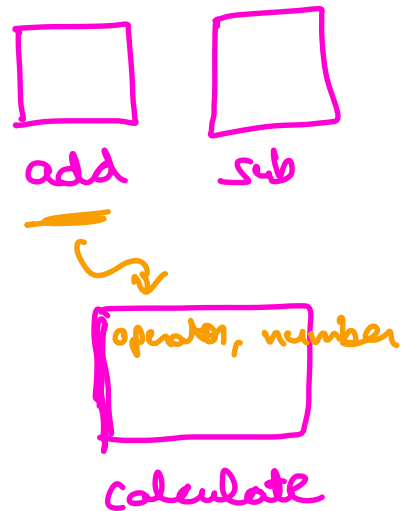


Decorators



calculate(add, 45)

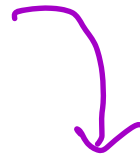
operator = add
number = 45



Book



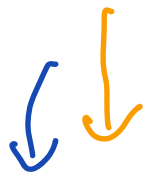
Binder



wraps
your
book
inside cover



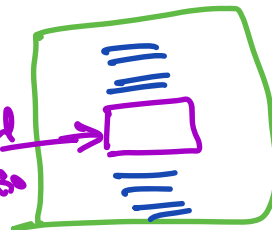
Function



Decorator



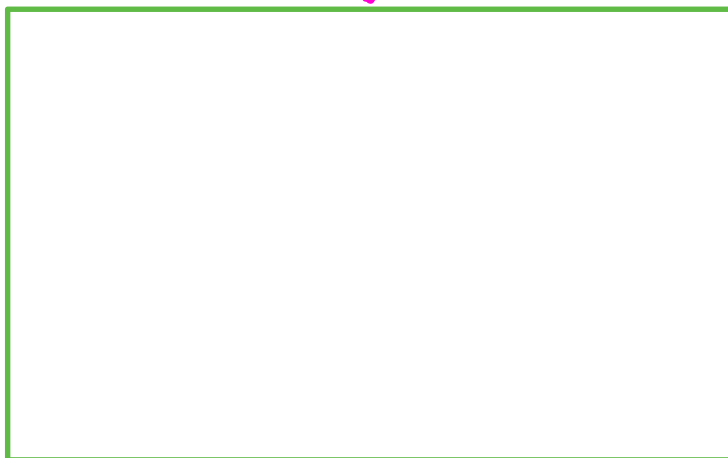
original
function



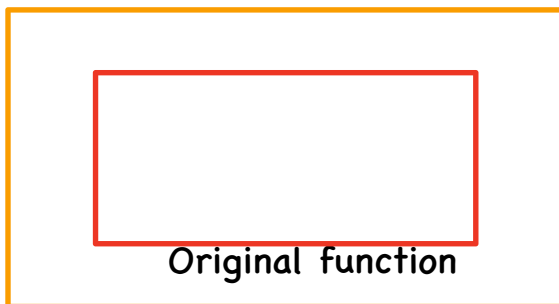
wrapper



Original function



Decorator



Original function

Wrapper function

Iterators



Python iterator objects must implement two methods

- `__iter__()`
- `__next__()`



For loops use
iterators internally.

Python has an elegant way of calling these methods as well.

- `iter()`
- `next()`



Looking at custom iterators for
the first time be like.

Generators



Generators provide an easy way to create custom iterators.