

Note The Syntax Variations

- ◆ `map(function, iterable)`
- ◆ `filter(function, iterable)`
- ◆ `min(iterable, key=function)`
- ◆ `max(iterable, key=function)`
- ◆ `sorted(iterable, key=function)`
- ◆ `sum()`? Doesn't play like the others
 - ◆ You have to do it explicitly with generator expressions

You can do this... But...

- ◆ This works and is useful

```
eng4 = lambda r: 0.7724*r**1.0134
```

- ◆ It's a callable object, just like **def eng4(r): ...**

- ◆ But

- ◆ No docstring

- ◆ We can't easily apply decorators to it

- ◆ With Type Hints

```
eng4 : Callable[[float], float] = lambda r: 0.7724*r**1.0134
```