The Fundamental Rule

A function encapsulates an expression.

- Statements are optional
- Some common cases:
  - They can choose among expressions
  - The can implement “for all” or “there exists” when dealing with collections

On Declarations

- Note that a Python function definition can be spare
- How Can this work?

No declaration of parameter types or return type

- Each object has all the type information bound into it
- Our **`odd()`** function will work with any object that implements the **`%`** operator
  - Which means any object offering **`__mod__()`** or **`__rmod__()`** methods
  - Which means most subclass of **`numbers.Number`**