The Return Statement

- If there's no **return** statement

  - Function returns **None** at the end of the indented block

- Simple **return**

  - Function returns **None** at the **return** statement

- Explicit **return** `expression`

  - The **return** defines the range of values

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