

# Functions

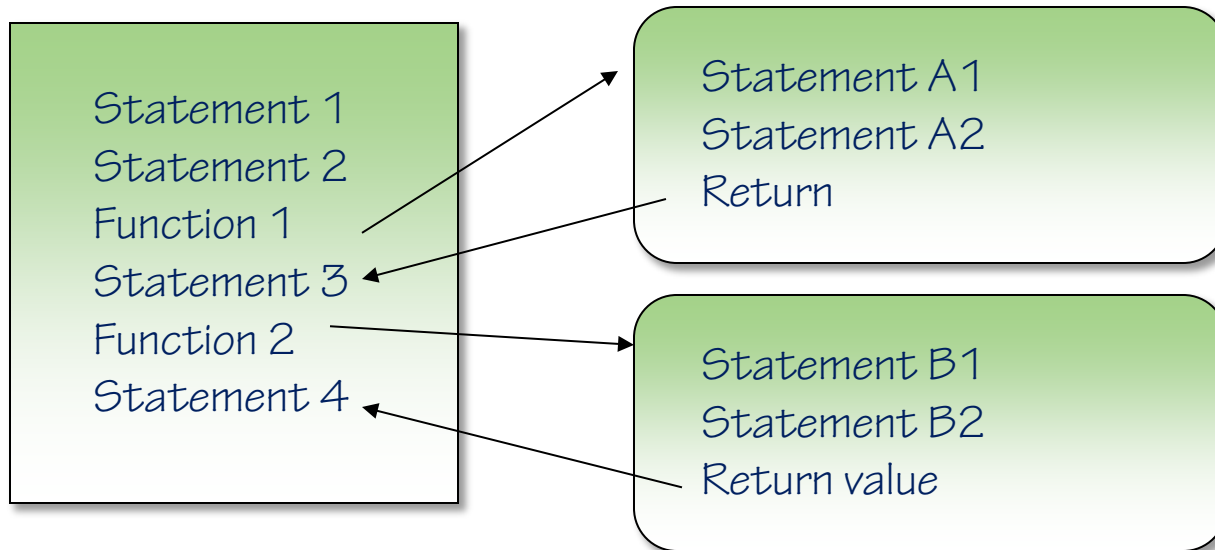
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# Functions



# Functions

- **Naming a function**
- **Anonymous Functions**
- **Parameters**
  - Too many? Ignored
  - Too few? Undefined
- **Return and Returning a value**
  - No return value? Undefined
- **Hoisting**

# Functions

- **Scope**
  - Nested functions are in scope of outer function
  - Braces do not create scope
  - Global vs. Local values
  - Closure
- **Functions are “first class” – and can be passed as params**
- **Refactoring and DRY – Don’t Repeat Yourself**
- **Recursion**
- **Built in functions**

# Summary

- Functions are subroutines
- Functions can be named or anonymous
- Parameters
- Scope
- Closure
- Recursion