- Turning a recursive process to an iterative process
 - Defining an invariant quantity
 - One function, extra parameter
 - o Defining a nested function
 - Inside the enclosing function (2)
- Turning an iterative process to a recursive process
 - Remove invariant quantity if applicable
 - Add an operation to the left of the recursive call
- Higher order procedures: procedures that manipulate other procedures
 - Take a function as an input parameter
 - Can serve as a powerful abstraction (only the important data is displayed to the user) mechanism
 - Taking common patterns and simplifying it to apply to a wider range of functions
- Nested function
 - Invisible outside of its immediately enclosing function
 - Nested functions can use any parameters/variables that are defined in the enclosing functions

Extra

- Add/subtract → end condition with zero
- Multiply/divide → end condition with one