Abstract
Midterm Review, Processing multiple lists
Processing multiple lists

- With a single list input (and possibly other atomic inputs): Process (first list) while recursively navigating the rest of the list (rest list).

- With two list inputs (and possibly other atomic inputs) three cases might arise:
  - Case 1 - Recurse over one list while treating the other as atomic (e.g. append)
  - Case 2 - Recurse over both lists simultaneously and synchronously i.e. recursion hits the base case for both lists at the same step (e.g. multiply-elements)
  - Case 3 - Recurse over both lists simultaneously and asynchronously i.e. recursion hits the base cases separately depending on the problem. (e.g. list-pick)