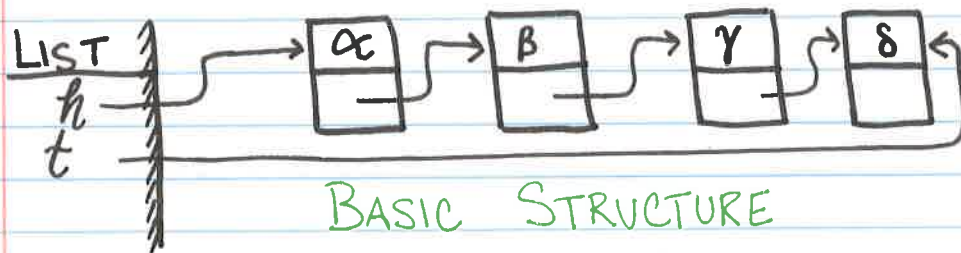


LINKED LISTS

REMEMBER RACKET?

(1, (2, (3, (4, 5))))

A LIST WAS ONLY TWO ELEMENTS. TO INCREASE THE SIZE, YOU WOULD NEST LISTS



FUNCTIONS

END(L) - LINEAR
P ← FIRST(L) - CONSTANT
P ← NEXT(P) - CONSTANT
P ← PREV(P) - CONSTANT
X ← RETRIEVE(P, L) - CONSTANT
APPEND(X, L) - LINEAR
INSERT(X, P, L) - CONSTANT
X ← REMOVE(X, P, L) - CONSTANT
P ← FIND(X, L) - LINEAR
SIZE(L) - CONSTANT

DOUBLY LINKED LIST

