List 0 holds all elements

List 1 sparse version of List 0

List 2 sparse version of List 1

head

peak

search f

search g

put f here

put g here

peak

tail
call a tower \( t_j \)

\[ \text{abstract view} \]

\[ L_0 : \text{a a a b c r s t t t} \]

\[ L_1 : \text{b r r t t} \]

\[ L_2 : \text{array of refs to next/prev towers, ref to tag associated data,} \]

tower holds: array of refs to next/prev towers,