

input 1

D0

$l := l \xrightarrow{m} l_{\text{node next}}$

D1

$l = 0$

$l \neq 0$

$\text{val} := l \xrightarrow{m} l_{\text{node val}}$

output LNil

DE₁

DF_s

$\text{tail} := \text{Clist}_{\text{node}}^{\text{node}}(l \xrightarrow{m} l_{\text{node next}})$

$\text{tail} := \text{LNil}$

DF_e

$\text{tail} := \text{LCons}(\text{val}, \text{tail})$

DE₂

output LCons(val, tail)

