

the empty list

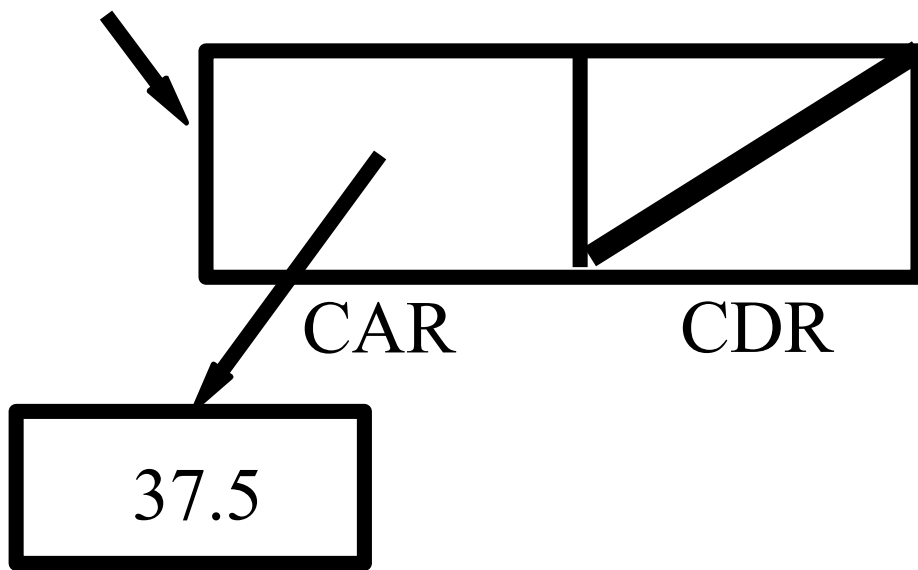
in Scheme: `'()`

in LISP: `NIL`

a 1-element list

in Scheme: `(cons 37.5 '())`

in LISP: `(cons 37.5 NIL)`



- lists are built recursively!
- a list is either:
 - `'()` or
 - `(cons element list)`