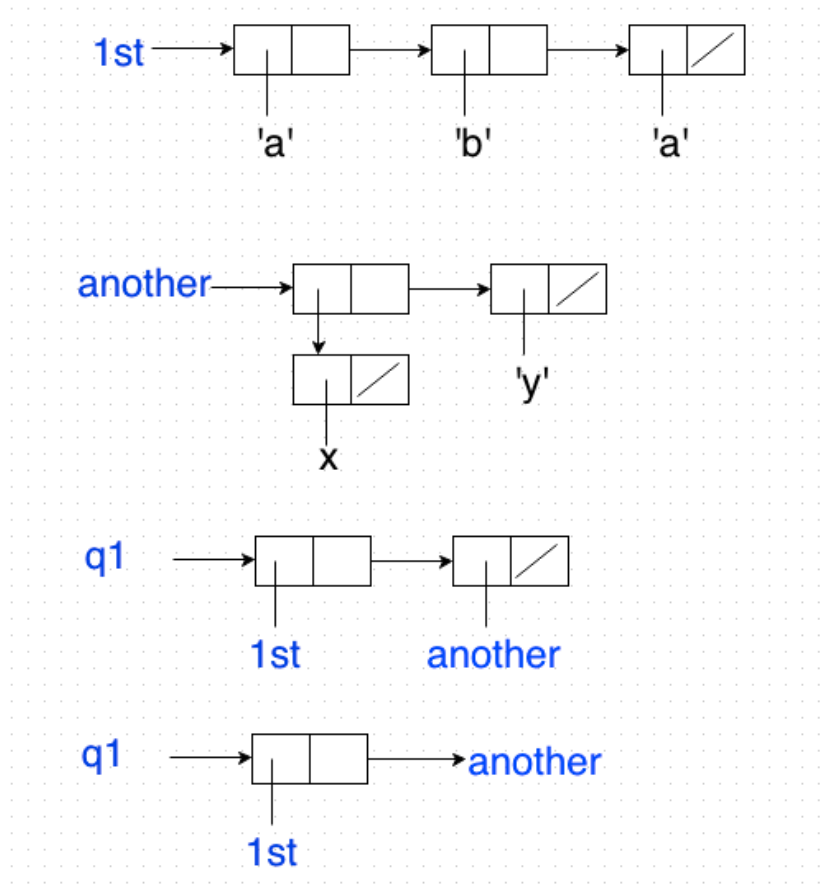


# CSE 413 HW 1

## Yang Zhang

1. (a)



1 (b) list command  $\rightarrow$  q1 prints: `'((a b c) ((x) y))`  
 cons command  $\rightarrow$  q2 prints: `'((a b c) (x) y)`

2 \*\*\* app (p q r (a b) c), rev (c (a b)) \*\*\*

(a) (cdr 1st)  $\rightarrow$  `'( q r )`

(b) (cddr 1st)  $\rightarrow$  `'r`

(c) (cadr more)  $\rightarrow$  `'c`

(d) app  $\rightarrow$  `'(p q r (a b) c)`

(e) rev  $\rightarrow$  `'(c (a b))`

(f) (cons more rev)  $\rightarrow$  `'(((a b) c) c (a b))`