(define x (cons 1 2))
(define y (list x x))

(assign (reg x) (op cons)
 (const 1) (const 2))
(assign (reg tmp) (op cons) (reg x) (const ()))
(assign (reg y) (op cons) (reg x) (reg tmp))

x = p0
y = p2
free = p3

	0	1	2	3	4	5	6	7	8	9	10	11
the-cars	n1	p0	p0									
the-cdrs	n2	e0	p1									