	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
the-cars		n3		n4		n5				n6		n7	n4	n8	n5	n9
the-cdrs	p4	p3	p2	p5	p0	p9	p1	p5	p3	p11	p6	p13	p14	p15	nil	nil

	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
new-cars	p1	n1	p3	p1	p6	p6	n3									
new-cdrs	p2	n2	p4	p5	nil	nil	p12									

root   p0

free   p7

scan   p5

old   p6

new   p1

oldcr   broken-heart

Label

already-moved

relocate-
continue   update-car

Registers

root = (x y z)

x = (1 . 2)

y = (x x)

z = (3 4 5)