



1) (CAR(CDR) (abcd))) 2) (CAR (CDR (CDR) (OL b cd))) 3) (CAR(CDR(CDR(CDR)(abcd))))) Imo dygem & pezguemame bouracresunt Corporaceruin? a) (CAADR? ((blue cube) (red pyramid))) (CAR(CAR(CDR)(Cblue cube)(red pyramid)))) (CAR(CAR)((red pyramid)))) (CAR' (red pyramid)) Ombem: red b) (CDAR? ((abc)(def)(ghi))) (CDR(CAR)((abc)(def)(ghi)))) (cDR'(abc)) amben: Nil c)(CADR?((abc)(def)(ghi))) (CAR(COR?((abc)(def)(ghi))))) (CAR)((def)(ghi))) Omben: (def)

d) (cADDR'((abc)(def)(ghi))) (CAR(CDR(CDR)((abc)(def)(ghill))) (CAR(CDR'((def)(ghi)))) (CAR'((ghi))) Ombem: (ghi) Hannume pegysteman Corructeunt borpasselvint u obsterme kon on hayren. 1) (list 'Fred 'and 'Wilma) => (Fred and Wilma) 2) (list 'Fred '(and Wilma)) => (Fred (and Wilma)) 3) (cons Nil Nil) => (Nil) 4) (cons T Nil) => (T) 5) (cons Nil T) => (Nil.T) 6) (list Nil) => (Nil) 7) (cons (T) Nil) => (T) 8) (list '(one two) '(free temp)) =) ((one two) (free temp))

Kolonery F. uy7-635 9) (cons 'Fred' (and Wilma))=7 (Fred. and Wilma))=7 (Fred and Wilma) 10) (cons 'Fred '(Wilma)) =7 (Fred Wilma) 71) (list Nil Nil) =7 (Nil Nil) 12) (list T Nil) =7 (T Nil) 13) (list Nil T) => (Nil T) 14) (cons T (list Nil)) => (cons T(Nil))=) (T Nil) 75) (list 1(T) Nil) => ((T) Nil) 16) (cons '(one two) (free teamp))=> ((one two) free teamp)

3) He Hannoms windga - borpasscering wo и соживетствуващую функцию 1) homucomis opyricujus (farlarz arz arg) Conspanyarougyto concar: ((arl ar2) (ar3 ary)) (defun f(arl arz arz ary) (list (list arl arz) (list arz ary)) (defun f (arl arz arz ary) (cons (consart(consarz hil)) (cons (cons ars (cons ary hil)) hil))) 2) Homucomo grytikujus (farlar2), Conferaugorousyro ((ar1)(ar2)) (defun f(arl arz) (list (list ar1) (list arz))) (defuh f (arl arz) (cons (consarthil) (cons (cons arz nil)nil))

