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METU Cognitive Sciences
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"""#------
                    (cons (funcall (car list1) arg) (vals (cdr list1) arg) )
   (defun pairvals_ (list1 args func_list) ; (pairvals '(f g h) 8) should give ((F. 64) (G. 512) (H. 2.079234))
                 (append (list (cons (car list1) (funcall (car func_list) args))) (pairvals_ (cdr list1) args (cdr func_list)))
   (defun func1 (x) (* x x))
(defun func2 (x) (* x x x))
   (defun pairvals (list1 args)
         (pairvals_ list1 args '(func1 func2 log) )
   (defun maxpair (y &optional (storage '(a . 0)))
              storage
              (if (< (cdr (car y)) (cdr storage))</pre>
                 (maxpair (cdr y) storage)
(maxpair (cdr y) (car y))
                              Exercise 6.4
        func (list_pred object storage_success)
   (cond ( (endp list_pred)
                                                             storage_success)
                                                             (func (cdr list_pred) object (cons (car list_pred) storage_success)))
(func (cdr list_pred) object storage_success))
"""#----- Exercise 6.5
  (cond ( (and (integerp x) (evenp x))
                 (list_pred object)
                 ( (endp list_pred)
( (funcall (car list_pred) object)
                                                                (func_ (cdr list_pred) object) )
          func (list_pred list_object storage_success) ; (func '(odd_p even_p) '(12 23 12.4 15.3 16 12.3) nil)
```