PPL Assignment 9

Clisp

\*To find nth element from list of m elements--

(defun listnth(N L)

(if (null L)

nil

(if (zerop N)

(first L)

(listnth (- N 1) (cdr L)))))

LISTNTH

[8]> (listnth 1'(7 14 21 28 35))

14

[9]> (listnth 0'(7 14 21 28 35))

7

[10]> (listnth 5'(7 14 21 28 35))

NIL

[11]> (listnth 1'())

NIL

[12]> (listnth 2'(11 22 33))

33