Periodic Table of the Loop Macro

simple loop (loop (princ "type something" (force-output) (read)) do* (loop for i below 5 do (print i))	AN ASTERISK * AN "ING" FOR I NAMING & BREAKING OUT OF LOOPS	MEANS A WORD CO M (SO "SUM" AND ARE BOTH LEGA HASH TABLES	with & VAPIABLE
repeat	named	using	being
(loop repeat 5 do (print "Prints five times"))	(loop named outer for i below 10 do (progn (print "outer") (loop named inner for x below i do (print "**inner") when (= x 2) do (return-from outer 'kicked-out-all-the-way))))	(defparameter salary (make-hash-table)) (setf (gethash 'bob salary) 80) (setf (gethash 'john salary) 90) (loop for person being each hash-key of salary using (hash-value amt) do (print (cons person amt)))	(defparameter salary (make-hash-table)) (setf (gethash 'bob salary) 80) (setf (gethash 'boh salary) 90) (loop for person being each hash-key of salary do (print person))
return	return-from	the SAME	each
(loop for i below 10 when (= i 5) return 'leaving-early do (print i))	(loop named outer for i below 10 do (progn (print "outer") (loop named inner for x below i do (print ""*inner") when (= x 2) do (return-from outer 'kicked-out-all-the-way)))	(defparameter salary (make-hash-table)) (setf (gethash 'bob salary) 80) (setf (gethash 'john salary) 90) (loop for person being the hash-keys of salary do (print person))	(defparameter salary (make-hash-table)) (setf (gethash 'bob salary) 80) (setf (gethash 'john salary) 90) (loop for person being each hash-key of salary do (print person))
initially	while	hash-keys 🚜🚓	hash-key
(loop initially (print 'loop-begin) for x below 3 do (print x))	(loop for i in '(0 2 4 555 6) while (evenp i) do (print i))	(defparameter salary (make-hash-table)) (setf (gethash 'bob salary) 80) (setf (gethash 'john salary) 90) (loop for person being the hash-keys of salary do (print person))	(defparameter salary (make-hash-table)) (setf (gethash 'bob salary) 80) (setf (gethash 'john salary) 90 (loop for person being each hash-key of salary do (print person))
finally	until	hash-values SAME	hash-value
(loop for x below 3 do (print x) finally (print 'loop-end))	(loop for i from 0 do (print i) until (> i 3))	(defparameter salary (make-hash-table)) (setf (gethash 'bob salary) 80) (setf (gethash 'john salary) 90) (loop for amt being the hash-values of salary do (print amt))	(defparameter salary (make-hash-table)) (setf (gethash 'bob salary) 80) (setf (gethash 'john salary) 90) (loop for amt being each hash-value of salary do (print amt))

				BUILDING	EXTRACTIN A RESULT
				if	count*
"FOR	LOOPING	(loop for i below 5 if (oddp i) do (print i))	(loop for i in '(1 1 1 1) count i)		
for SAME	as		CREATE	when	sum*
(loop for i from 0 do (print i) when (= i 5) return 'zuchini)	(loop as x from 5 to 10 collect x)		LOCAL VARIABLES	(loop for i below 4 when (oddp i) do (print i) do (print "yup"))	(loop for i below 5 sum i)
in	on	across	into	unless	minimize*
(loop for i in '(100 20 3) sum i)	(loop for x on '(1 3 5) do (print x))	(loop for i across #(100 20 3) sum i)	(loop for i in '(3 8 73 4 -5) minimize i into lowest maximize i into biggest	(loop for i below 4 unless (oddp i) do (print i))	(loop for i in '(3 2 1 2 3) minimize i)
		FOR T APRAYS	finally (return (cons lowest biggest)))		
by	from	to	always	and	maximize*
(loop for i from 6 to 8 by 2 sum i)	(loop for i from 6 to 8 sum i)	(loop for i from 6 to 8 sum i)	(loop for i in '(0 2 4 6) always (evenp i))	(loop for x below 5 when (= x 3) do (print "do this") and do (print	(loop for i in '(1 2 3 2 1) maximize i)
	increments for loop	S CA FOI	CONDITION Y	"also do this") do (print "always do this"))	
then	upfrom	upto	never 🎉 🗎	else	append*
(loop repeat 5 for x = 10.0 then (/ x 2) collect x)	(loop for i upfrom 6 to 8 sum i)	(loop for i from 6 upto 8 sum i)	(loop for i in '(0 2 4 6) never (oddp i))	(loop for i below 5 if (oddp i) do (print i) else do (print "w00t"))	(loop for i below 5 append (list 'Z i))
	downfrom	downto	thereis	end	nconc*
	(loop for i downfrom 10 to 7 do (print i))	(loop for i from 10 downto 7 do (print i))	(loop for i in '(0 2 4 555 6) thereis (oddp i))	(loop for i below 4 when (oddp i) do (print i) end do (print "yup"))	(loop for i below 5 nconc (list 'Z i))