# Itération

```
(do ((i 0 (1+ i))
     (j n (1- i)))
    ((<= j 0) (+ x y)))
  (format t "~a ~a~%" i j)
  (f i j))

(do* ...)

(dolist (elem (mapcar ...) 'done)
  (format t "~a~%" elem))

(dotimes (i 10 (+ x y))
  (format t "~a~%" i))

(mapc ...)

(loop for i from 1 to (compute-top-value)
      while (not (unacceptable i))
      collect (square i)
      do (format t "Working on ~D now" i)
      when (evenp i)
        do (format t "~D is a non-odd number" i)
      finally (format t "About to exit!"))
```