(define (fn-for-tree n)
  (cond [(false? n) (...)]
        [(blue? n) (fn-for-blue n)]
        [else (fn-for-green n)]))

(define (fn-for-label l)
  (... l))

(define (fn-for-blue b)
  (... (fn-for-label (blue-lab b))
       (fn-for-lot (blue-subs b))))

(define (fn-for-green g)
  (... (fn-for-label (green-lab g))
       (fn-for-tree (green-l g))
       (fn-for-tree (green-r g)))))

(define (fn-for-lot lot)
  (cond [(empty? lot) (...)]
        [else
         (... (fn-for-tree (first lot))
              (fn-for-lot (rest lot)))]))