```
(define (zarb x y)
 (cond
  [(and (null 9.71) (null 9.7)) ())
  [else (cons (* (ar x) (car y))
                (zarb (cdr x) (cdr y)))
(define (reversed listt)
      (if (null 9 eistt) '()
            (append (revened (cdr (istt))
                     (list (car list))))
(deline (find-func ny)
        (zarb & (reversed y)))
```

```
(define empty-q (lambda() '()))
(define add-to-end (lambda (lst symbl)
                     (append 1st (list symbol))
(define add-to-stort (lambda (1st symbl)
                    (cons symbl (st))
(define
         pop-1st-element (lambda (1st,)
                            (cdr 1st))
         pop-last-element (lambda (1st)
(define
          (cond
            [ (nill ? (cdr 1st)) ()]
           Lelse (consi(car 1st) (pop-last-element
                                   (cdr (st)))]
        length (lambda (1st)
(define
                              (cond
         [ (null 9 1st) 0]
         [else (+ 1 (length (cdr 1st)))]
```

))

(define 1st-element (lambda (lst) (cond)

[mull ? lst) error - string)

[else (car lst)])

(define last-element (lambda (lst) (cond)

[null ? (cdr lst)) (car lst)]

[else (last-element (cdr lst)))

100

```
Expression := string
               const - str (str)
 Expression := append (Expression, Expression)
                appred-str (exp1, exp2)
                                     (def opp-d-st/lambda (n1) (n2)
                                              (string-append)
 Expression := length (Expression)
                                               ))) x1 x2)
@ Ulde length whe len-strik (exp1)
Jos define
                  dio: (scan &parse "tength (append (a, "b"))"
         (struct: a - program
      #
                                             concrete
           # (struct : len - str
             * (struct: apprd-str
                # (struct: var - exp a)
                # (struct: const-str
            )
        )
```