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#<thread #1 primordial>

```
> > (define (count-zeros lst)
#<procedure #2 >>
>    (cond
     ((null? lst) 0)
     ((= (car lst) 0) (+ 1 (count-zeros (cdr lst))))
     (else (count-zeros (cdr lst)))))
>
(count-zeros '( 0 9 0 8 0 0 0 0 7))
6
> (count-zeros '( 1 3 5 7 1))
0
> (count-zeros '( 0 0 0 0 0 ))
5
>
```

#<thread #1 primordial>

```
> >(define PI 3.1415)
#<procedure #2 >>
> >
(define sphere-volume
  (lambda (radius)
    (* (/ 4 3) PI (expt radius 3))))
>
(sphere-volume 5)
523.5833333333333
>
(sphere-volume 9)
3053.5379999999996
>
```

#<thread #1 primordial>

```
> > (define (reverse-list lst)
#<procedure #2 >>
>    (if (null? lst)
        '()
        (append (reverse-list (cdr lst)) (list (car
lst)))))
> (reverse-list '(1 5 6 7 8))
(8 7 6 5 1)
> (reverse-list '(4 5 8 0 1))
(1 0 8 5 4)
>
```