

```

print_list: move    $t0,$a0
               move    $t1,$a0
               li      $v0,4
               la      $a0,prefix
               syscall
               beqz    $t0,empty

loop:          li      $v0,1
               lb      $a0,4($t0)
               syscall
               lw      $t0,($t0)
               beqz    $t0,empty
               li      $v0,4
               la      $a0,sep
               syscall
               b       loop

empty:         li      $v0,4
               la      $a0,suffix
               syscall
               move    $a0,$t1
               jr      $ra

```

```

tailInsert: move    $t0,$a0
loop:          move    $t1,$t0
               lw      $t0,($t0)
               bnez    $t0,loop
               sw      $a1,($t1)
               sw      $zero,($a1)
               sw      $a2,4($a1)
               jr      $ra

```

ASSUMENDO L non nulla..