

```

tailInsert  movem.l  a0/a3,-(sp) ASSUMENDO L non nulla
            clr.l   (a1)
            move.w  d0,4(a1)
            move.l  a0,a2
stopOnLast  cmpi.l  #0,(a2)
            beq.s  stopped
            move.l  (a2),a2
            bra    stopOnLast
stopped     move.l  a1,(a2)      A2 si ferma sull'ultimo nodo
exit       movem.l  (sp)+,a0/a3
            rts

```

```

tailInsert  movem.l  a2/d1,-(sp) senza assunzioni su L
            clr.l   (a1)
            move.w  d0,4(a1)
            cmpa.l  #0,a0
            beq.s  emptyapp
            move.l  a0,a2
stopOnLast  cmpi.l  #0,(a2)
            beq.s  stopped      A2 si ferma sull'ultimo nodo
            move.l  (a2),a2
            bra    stopOnLast
stopped     move.l  a1,(a2)
            bra    exit
emptyapp    move.l  a1,a0
exit       movem.l  (sp)+,a2/d1
            rts

```

```

remove      movem.l  a0/a1,-(sp) senza assunzioni su L
outerloop  cmpa.l  #0,a0
            beq.s  exit
            cmp.w  4(a0),d0
            bne.s  continue
            movea.l (a0),a1
innerloop  cmpa.l  #0,a0
            beq.s  cut
            cmp.w  4(a1),d0
            bne.s  cut
            movea.l (a1),a1
            bra    innerloop
cut        move.l  a1,(a0)
            movea.l a1,a0
            bra    outerloop
continue   movea.l  (a0),a0
            bra    outerloop
exit       movem.l  (sp)+,a0/a1
            rts

```