

```

listcopy    movem.l  a0/a1,-(sp) La lista L non è vuota
loop       move.w   4(a0),4(a1)
          addq.l   #6,a1
          move.l   a1,-6(a1)
          tst.l    (a0)
          beq     last
          movea.l  (a0),a0
          bra     loop
last       clr.l   -6(a1)
          movem.l  (sp)+,a0/a1
          rts

listcopy    movem.l  a0/a2,-(sp) La lista L può essere vuota
          movea.l  a1,a2
          cmpa.l   #0,a0
          bne     loop
          clr.l   a1
          bra     exit
loop       move.w   4(a0),4(a2)
          addq.l   #6,a2
          move.l   a1,-6(a2)
          tst.l   (a0)
          beq     last
          movea.l  (a0),a0
          bra     loop
last       clr.l   -6(a2)
exit       movem.l  (sp)+,a0/a2
          rts

removeN     movem.l  a1/a2,-(sp) senza assunzioni su L
          movea.l  #0,a1
          movea.l  a0,a2
loop       cmpa.l   #0,a2
          beq.s   exit
          cmp.w   4(a2),d0
          bne.s   continue
          cmpa.l  #0,a1
          beq.s   headdelete
          move.l  (a2),(a1)
          bra     next
headdelete  movea.l  (a2),a0
          bra     next
continue   movea.l  a2,a1
next       movea.l  (a2),a2
          bra     loop
exit       movem.l  (sp)+,a1/a2
          rts

```