```c
/* Short test di MutS.h e MutSubS.h */

#include <stdio.h>
#include <stdlib.h>
#include "MutSubS.h"

int main(void){
    intMutSubS u;
    intMutSubS w;
    intMutS z;
    u = readIntSubS();
    printf("la sequenza u = ");
    writeIntSeq(inf(u),sup(u));
    writeIntSubS(u);
    writeDelimitedIntSeq(inf(u),sup(u));
    printf("in reverse order da val(sup(u)) = %d a val(inf(u)) = %d\n", val(sup(u)), val(in
    printf("val(moveL(sup(u))) = %d\n", val(moveL(sup(u))));
    {
        intMutS temp;
        temp = sup(u);
        while (!isEmpty(temp)) {
            printf("%d ",val(temp));
            temp = moveL(temp);
        }
        printf("\n");
    }
    w = readIntSubS();
    printf("la sequenza w = ");
    writeIntSeq(inf(w),sup(w));
    if (sup(u)) z = addTail(sup(u),77);
    printf("la sequenza z = addTail(u,77) = ");
    writeIntSeq(inf(u),z);
    swap(inf(u),z);
    writeIntSeq(inf(u),z);
    swap(moveR(inf(u)),sup(u));
    writeIntSeq(inf(u),z);
    return 1;
}

/*
 Marco-Bellias-MacBook-Pro:Versione3 marcob$ cc MutSubSTest.c -o MutSubSTest.exe
 Marco-Bellias-MacBook-Pro:Versione3 marcob$ .../projectQSort/Versione3/MutSubSTest.exe
 [3,1,0,9, 9, 16, 14, 13, 0][23,17,0]
 la sequenza u = [3,1,0,9,9,16,14,13,0]
 [3,1,0,9,9,16,14,13,0]
 [3,1,0,9,9,16,14,13,0]
 in reverse order da val(sup(u)) = 0 a val(inf(u)) = 3
 val(moveL(sup(u))) = 13
 0 13 14 16 9 9 0 1 3
 la sequenza w = [23,17,0]
 la sequenza z = addTail(u,77) = [3,1,0,9,9,16,14,13,0,77]
 [77,1,0,9,9,16,14,13,0,3]
 [77,0,0,9,9,16,14,13,1,3]
 Marco-Bellias-MacBook-Pro:Versione3 marcob$
 */
```