

```

#include <stdio.h>
#include <stdlib.h>
void main() {
    float f=0;
    int d;
    long z;
    //---TIPUSDEFINICIO---
    typedef struct lista {char nev[4]; int ek; struct lista *kov;};
    struct lista *lis, list[5]={
        {"NV1",20,&list[1]},
        {"NV2",16,&list[2]},
        {"NV3",23,&list[3]},
        {"NV4",54,&list[4]},
        {"NV5",66,&list[0]}
    };
    lis=list;
    d=(lis->ek);
    //---ATLAGSZAMITAS KULONBOZO MODOKON---
    printf("%d\n", d);
    printf("%d\n",
(list[0].ek+list[1].ek+list[2].ek+list[3].ek+list[4].ek)/5);
    printf("%d\n", ((lis+0)->ek+(lis+1)->ek+(lis+2)->ek+(lis+3)-
>ek+(lis+4)->ek)/5);
    f=((20.0+16.0+23.0+54.0+66.0)/5.0); printf("ellenorzo %f\n",f);
    //---ELEMEK KIIRATASA---
    printf("\nez \tnev \tek \tkov \n");
    do {
        printf("%d\t", lis);
        printf("%s\t", lis->nev);
        printf("%d\t", lis->ek);
        printf("%d\n", lis->kov);
        lis=lis->kov;
    }
    while (lis!=&list[0]);
    //---EGY ELEM TORLESE---
    z=list[0].kov; list[0].kov=list[1].kov; list[1].kov=z;
    //---AZ ELEMEK KIIRATASA---
    printf("\n");
    do {
        printf("%d\t", lis);
        printf("%s\t", lis->nev);
        printf("%d\t", lis->ek);
        printf("%d\n", lis->kov);
        lis=lis->kov;
    }
    while (lis!=&list[0]);
    printf("\n");
    lis=&list[1];
    do {
        printf("%d\t", lis);
        printf("%s\t", lis->nev);
        printf("%d\t", lis->ek);
        printf("%d\n", lis->kov);
        lis=lis->kov;
    }
    while (lis==&list[0]);
}

```