

int * multimatlinth uma, int a umb, int a, int m, int D, inta int 1, 5, x, l, n, t; if (vmal = NULL &8 vmb1 = NULL) & Return NULL; If (n=0 \$ 8 m=0 \$ \$ p=0 \$ \$ 950) } Return NULL; 1f(m==P)5 Int matriz Aux = (Inta) malloc (size of (int) m); if (matrizAcx == NULL) & Return NULL, for (1=0;) (h; i+) [for(3=0; 5 km; S++) { 1=18m+5; matriz Aux [S] = 0; for (K=0; K < m , K++) { t = x = m +5; h= im + K; matriz Aux [l] += vma[n] + vmb[t] Return matriz Aux; RETURN NULL;



```
int * trans Posta de mat (int & Vma, int m, int m) &
 Inti, 5, K=0;
   1f(n <= 01 | m <= 0) {
     Return NULL;
    int aux, trans;
   for(i=0; icn; i++) 2
        For (3=0; 5 cm; 3++) &
           K= i + m+ 5;
            trans = 5" m+1;
            1f(1>3) {
                Aux = vma[K];
                vmalk] = vma [trans];
                vmatrons = AUX;
  Return Null,
```



Int soma Da Diagonal (Int " vma , int n, int m, int l) & Int 1,5, K; int someElemts=0. if (n <= 0 1) m <= 0 1) l <= 0) { Return NULLS Int * elemts = (int) malloa (51200f(int) m); if (elemts == NULL) & 1 Return NULL; for (i=0; icm; i++) { K= l* m+1; elem+s[t]=vmo[x); for (1=0; 1 cm; 1+1) { Soma Elemts+= elemts[1]; Return soma Elemts;



int Esimetrius (int * vma, int n, int m) &

If (nc=0 11 mc=0) {
Return NULL;

for (i=0; i & n; i++) { for (5=i+1; 5 < m; 5++) { K = i & m + 5; h = 5 * m + i ? If (vm & [K] = vm & [h]) { Return 0; }

Return 3;

3



```
Int * TRaingulo Sufferior de mat (into vma, int n, int m) &
      Int i, 5, K',
      18(n 200 1) m 200) 9
         Return NULL;
      int " vetor = (int") malloc (size of (int) " (((nom)-n)/2));
      If ( vetor== NULL) &
      Refurnable;
      for ( i=0; icn; i++) {
             for (5=0; 5 cm; 5++) {
                1f(123) &
                   K= ; = m+5;
                  retor [i] = vm [x];
     Reform vetor;
```



ent Elementos Diagonal (inte vma, int n, int m) {

int elementos= 0;

If (nc=0 11 mc=0) {

1 Not Return NULLS

for(i=0; i2n; i++) {

for(3=0; 3 < m; s++) {

if(i==5) {

K=i+m+5;

elementos+=vmalk];

}

Return elementos;