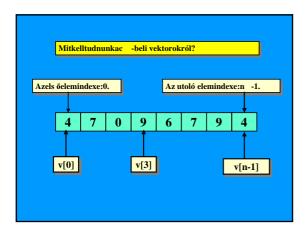
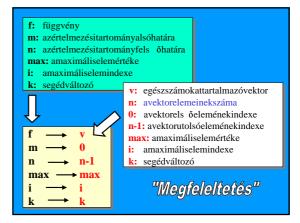
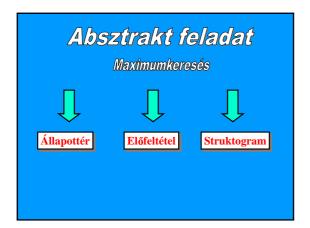


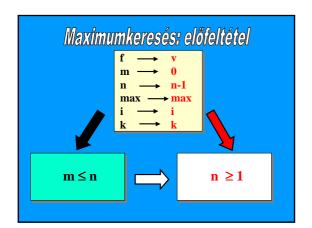
Feleltessükmegatételta mikonkrétfeladatunknak

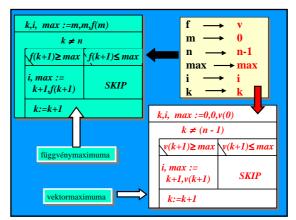


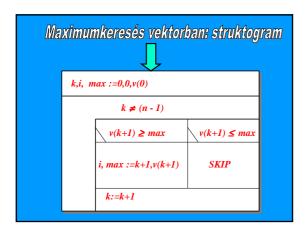




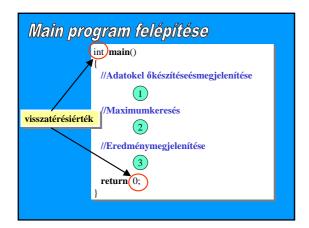




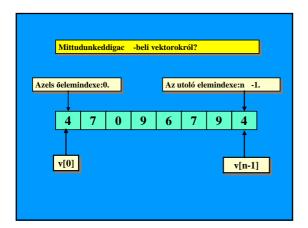




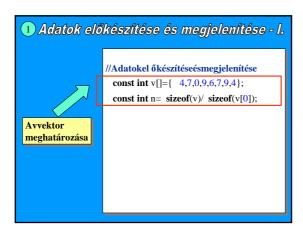


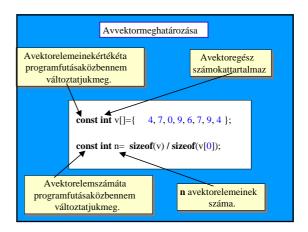


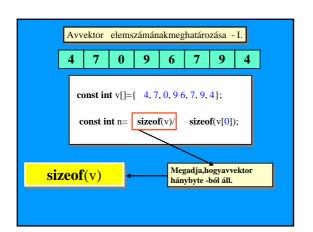


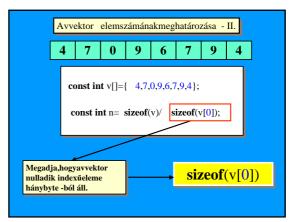


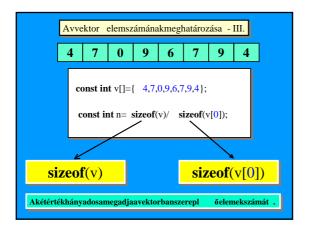


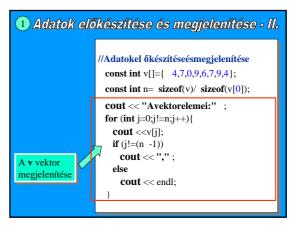


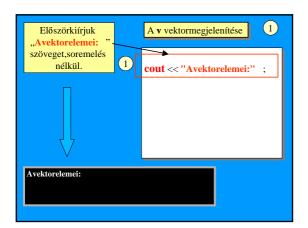


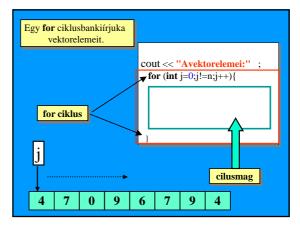


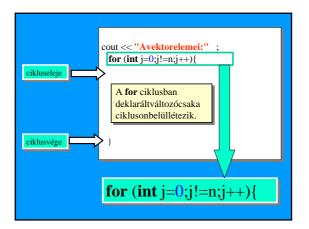


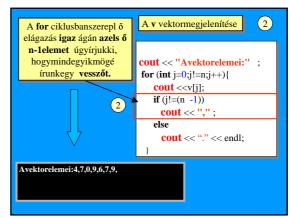


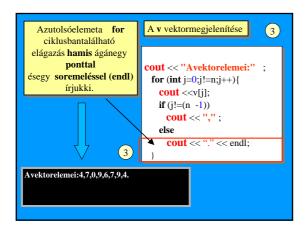


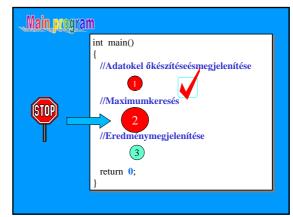


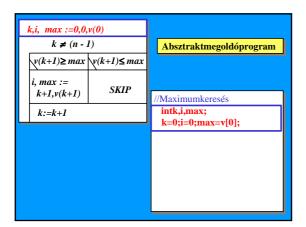


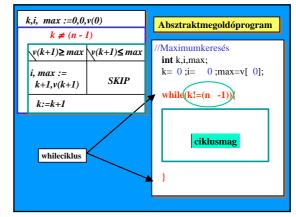


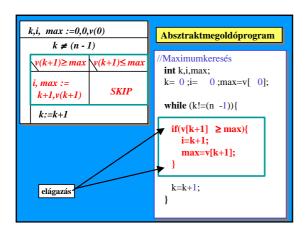


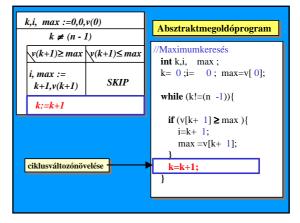






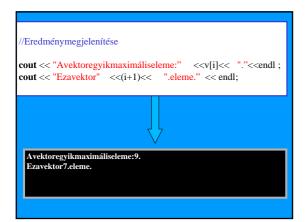




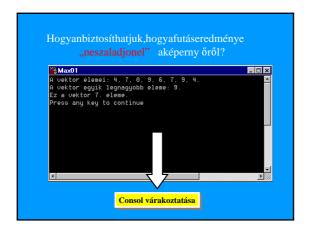


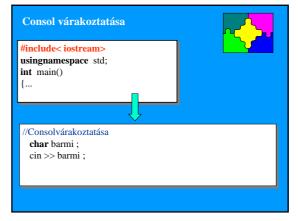
```
k,i, max := 0,0,v(0)
k \neq (n-1)
v(k+1) \geq max
i, max := k+1,v(k+1)
k:=k+1
k:=k+1
//Maximumkeresés
int k,i, max;
k=0 \ ;= 0 \ ; max=v[0];
while (k!=(n-1))\{
if (f[k+1] \geq max)\{
i=k+1;
max = v[k+1];
k=k+1;
k=k+1;
```

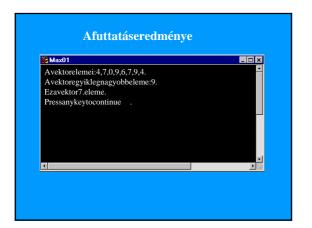






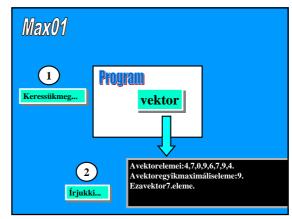


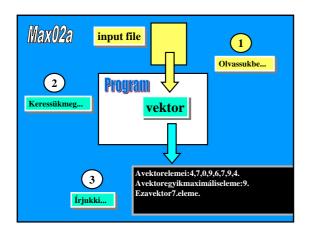


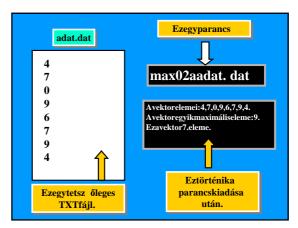






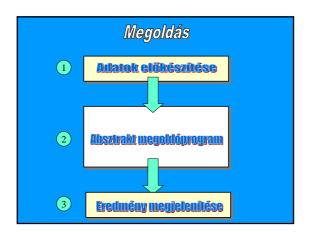


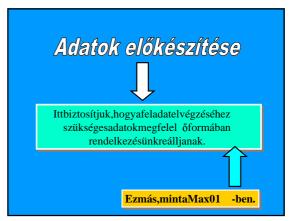


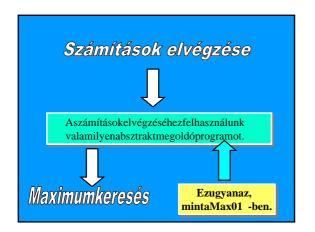


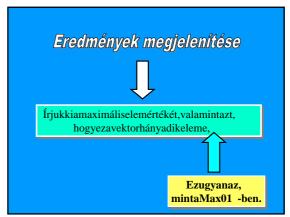








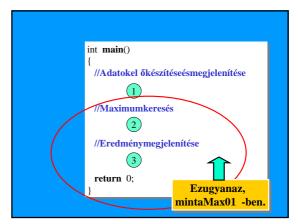






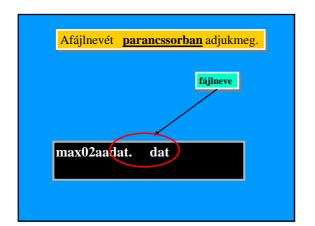




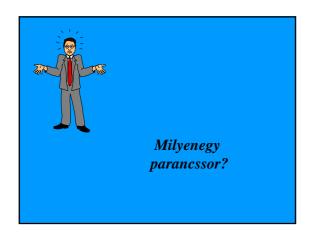




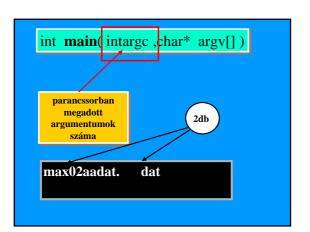










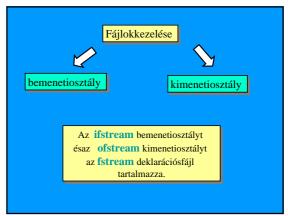






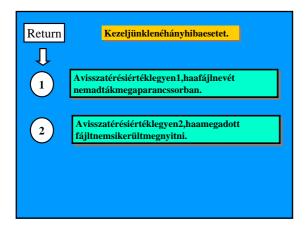


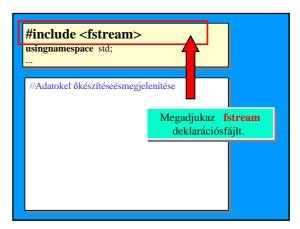


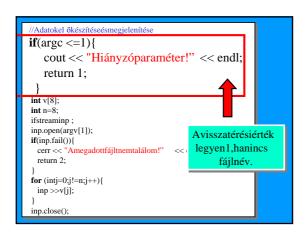


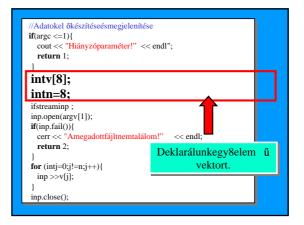












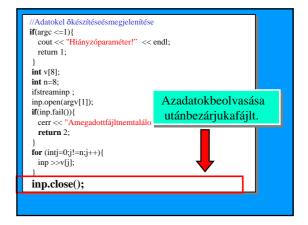
```
//Adatokel őkészítéseésmegjelenítése
if(argc <=1){
  cout << "Hiányzó parameter!" << endl;
   return 1:
 int v[8];
 int n=8
ifstreaminp :
 inp.open(argv[1]);
 if (inp.fail()) \{\\
   cerr << "Amegadottfájltnemtalálom!"
                                           << endl;
   return 2;
                                          Definiáljukaz ifstream
 \quad \textbf{for} \; (intj = 0; j! = n; j++) \{
  inp>>v[j];\\
                                            típusú inp változót
                                                (objektumot).
 inp.close();
```

```
//Adatokel őkészítéseésmegjelenítése
if(argc <=1){
 cout << "Hiányzóparaméter!" << endl;
 return 1:
int v[8];
int n=8:
ifstreaminp
inp.open(argv[1]);
if(inp.fail()){
 cerr << "Amegadottfájltnemtalálom!" return 2;
                                        << endl;
\quad \text{for } (intj = 0; j! = n; j++) \{
                                        Alkalmazzukaz inp
 inp>>v[j];\\
                                  változóraaz open műveletet.
                                        Am űveletegyetlen
inp.close();
                                       paramétere: argv[1].
```

```
Adatokel őkészítéseésmegjelenítése
\textbf{if}(argc <= 1) \{
 cout << "Hiányzóparaméter!" << e
                             Magyarul:Megnyitjukazt
 return 1;
                               afájlt,melyneknevéta
int v[8];
                              parancssorbanadtukmeg.
int n=8;
ifstreaminp
inp.open(argv[1]);
return 2;
for (intj=0;j!=n;j++){
 inp >>v[j];
inp.close();
```

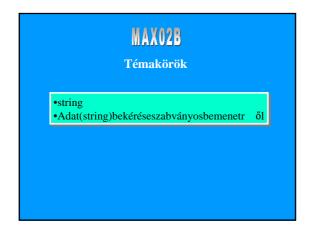
```
Adatokel őkészítéseésmegjelenítése
\textbf{if}(argc <= 1) \{
                                         Avisszatérésiérték
  cout << "Hiányzóparaméter!" << endl
                                         legyen2sikertelen
  return 1;
                                            fájlnyitásnál.
int v[8]:
int n=8;
ifstreaminp;
inp.open(argv[1]);
if(inp.fail()){
   cerr << "Amegadottfájltnemtalálom!"
                                                         << endl;
   return 2;
for (intj=0;j!=n;j++){
inp >>v[j];
inp.close();
```

```
\begin{tabular}{ll} \beg
```

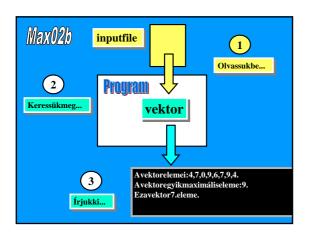


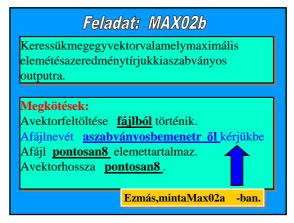


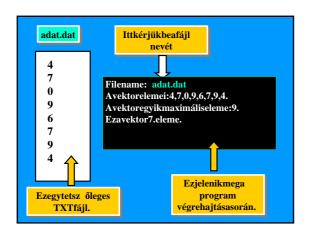


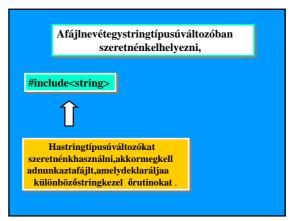


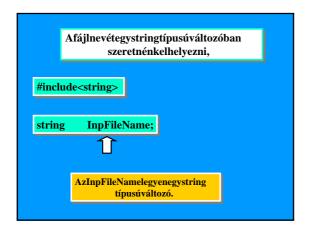


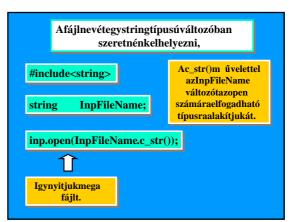






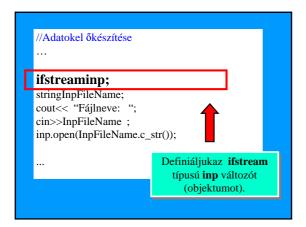


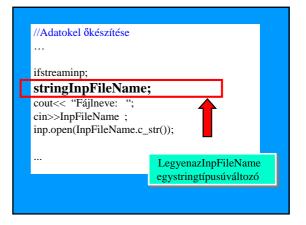


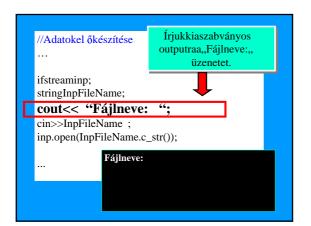


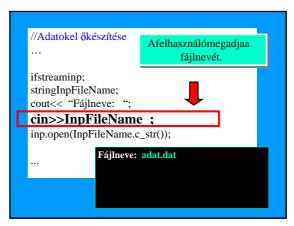


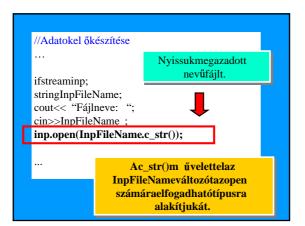


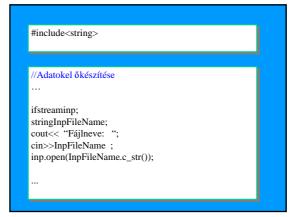










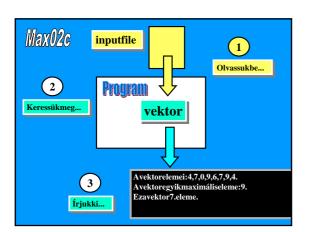


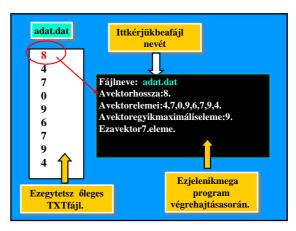


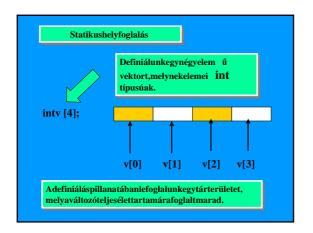




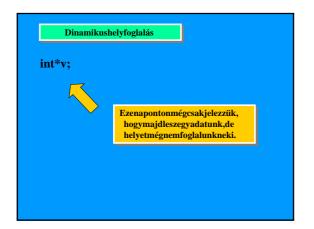
## Feladat: MAXO2C •Afájlels őelemekéntolvassukbealétrehozandóvektor hosszát. •Foglaljukledinamikusanaszükségesméret űvektort. •Olvassukbeafájlbólazadottszáműegészszámokata dinamikusanlefoglaltvektorba. •Keressükmegavektorvalamelymaximáliselemétésaz eredménytírjukkiaszabványosoutputra. AMax02cfeladatabbankülönbözika Max02bfeladattól,hogyavektorthosszát isafájlbanadjukmeg,ésavektortennek függvényébenkellmegadni.

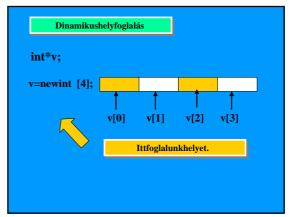


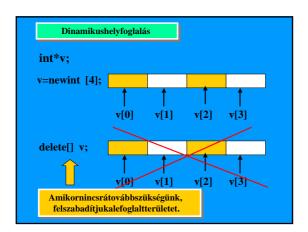


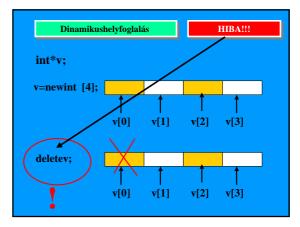


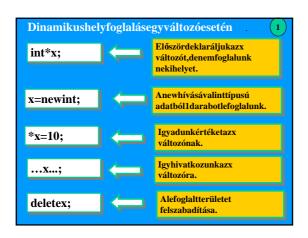


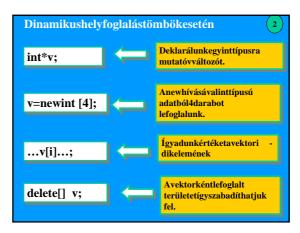


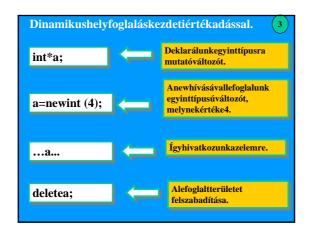


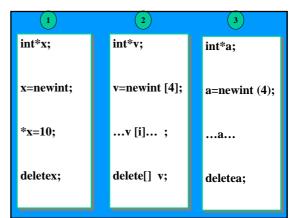


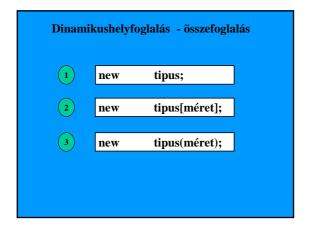












Afeladatmegoldásaafentieszközökkel.

```
//Adatokel őkészítéseésmegjelenítése
ifstreaminp;
stringInpFileName;
cout<<"Filename:";
cin>>InpFileName.c_str());
if(inp.fail()){
cerr<< "Amegadottfájltnemtalálom!" <<endl;
return 1;
}

Ezarészugyanaz,
mintamax02b -ben.
```

```
//Adatokel őkészítéseésmegjelenítése
...

intn;
inp>>n;
cout<< "Avektorhossza:" ;
cout<<n; '<endl";
//Előfeltételellen őrzése
if(n<1){
cout<< "Avektorüres!" <<endl;
return 2;
}
int*v;
v=new int[n];

Folytatás

Folytatás

Deklarálunkegyint
típusúváltozót,majda
fájlbólbeolvassukazels ő
adatot.Ezavektor
hossza.
```

```
//Adatokel őkészítéseésmegjelenítése
...
intn;
inp>>n;

cout<< ''Avektorhossza:'' ;
cout<<n;
cout<<!'."<<endl;
//Előfeltételellen őrzése
if(n<1){
    cout <<"Avektorüres!" <<endl;
    return 2;
}
int*v;
v=new int[n];

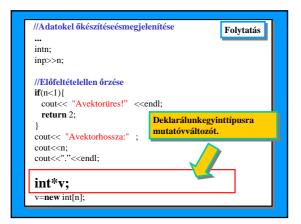
Folytatás

Folytatás

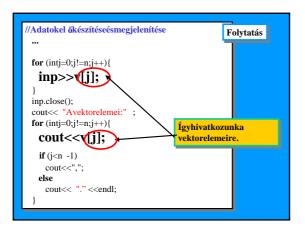
Kiírjukavektorhosszá:'' ;

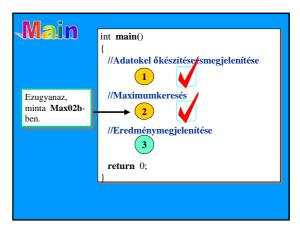
Kiírjukavektorhosszáta
szabványoskimenetre.
```

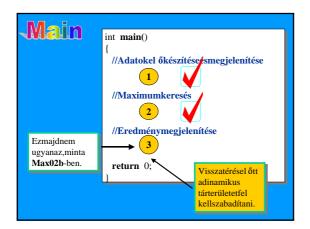
```
//Adatokel őkészítéseésmegjelenítése
                                           Folytatás
                        Hanemteljesülazm ≥1
intn;
                        előfeltétel,akkorbefejezz üka
inp>>n;
                        programot.
cout << "Avektorhossza:"
                        Avisszat érési érték:2.
cout<<n;
cout<<"."<<endl;
//Előfeltételellen őrzése
if(n<1){
   cout<< "Avektorüres!"
                                     <<endl;
   return2;
int*v
v=new int[n];
```

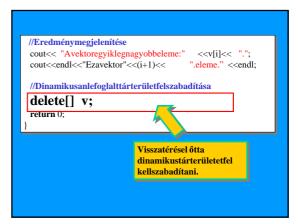




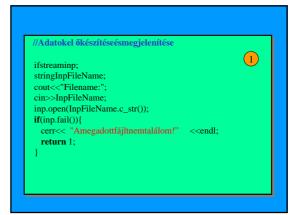










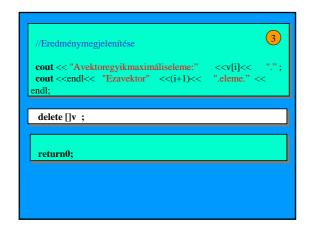


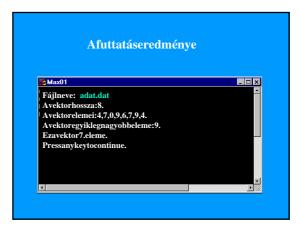
```
//Adatokel őkészítéseésmegjelenítése
... Folytatás
intn;
inp>>n;
cout<< "Avektorhossza:" ;
cout<<n; ''<endl;
//Előfeltételellen őrzése
if(n<1){
    cout<< "Avektorüres!" <<endl;
    return 2;
}
int*v;
v=new int[n];
```

```
2

//Maximumkeresés
int k,i,max;
k = 0; i = 0; max = v[ 0];
while (k!=(n -1)){
if (v[k+ 1] \ge max){
i = k + 1;
max = v[k + 1];
}
k = k + 1;

Ezugyanaz,
mintaMax01 -ben.
```





## ÜSSZBÍOUJAIÁS •Vektorokdeklarálása •Vektorhosszánakmeghatározása •Statikusésdinamikushelyfoglalás/felszabadítás •Parancssorbanmegadottargumentumokkezelése •Fájlkezelésminimálishibaelhárítással •Stringhasználata •Stringkonvertálásachar\*típusra



