



```
#include<iostream>
usingnamespacestd;

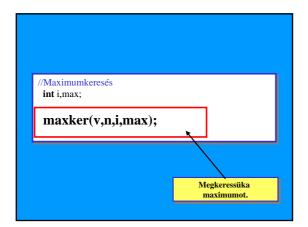
voidmaxker(constint[],int,int&,int&);
intmain()
{

Függvénydeklaráció
```

```
//Adatokel őkészítéseésmegjelenítése
char barmi;
const intv[]={4,7,0,9,6,7,9,4};
constint n=sizeof (v)/ sizeof (v[0]);

cout<<"Avektorelemei:";
for (intj=0;j!=n;j++){
    cout<<v[j];
    if (j!=(n -1))
    cout<<",";
    else
    cout<<endl;
}

Megegyezikamax01
    kódolással.
```



```
//Eredménymegjelenítése
cout<<"Avektoregyiklegnagyobbeleme:"<<v[i]<<".";
cout<<endl<<"Ezavektor"<<(i+1)<<".eleme."
<<endl;
cin>>barmi;
return 0;
}

Megegyezikamax01
kódolással.
```

```
voidnaxker(constintv[],intn,int&i,int&max)

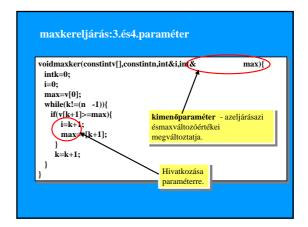
int k=0:
i=0;
max=v[0];
while (k!=(n-1)){
if(v[k+1]>=max){
i=k+1;
max=v[k+1];
}
k=k+1;
}

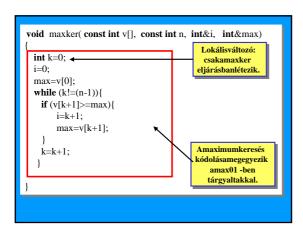
Amaxkernemadvissza
értéket.
```

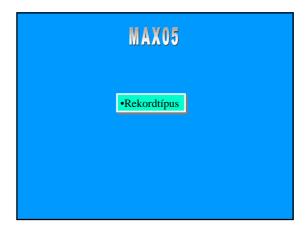
```
voidmaxker(constintv[],constintn,int&i,int& max){
  intk=0;
  i=0;
  max=v[0];
  while(k!=(n-1)){
  if(v[k+1)=max){
    i=k+1;
    max=v(k+1];
  }
  k=k+1;
}

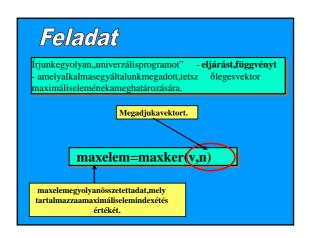
Hivatkozása
paraméterre.
```

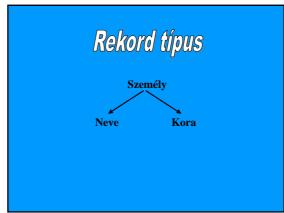
```
\begin{tabular}{lll} maxkereljárás; 2. paraméter \\ \hline voidmaxker(constintv[], constintn, int&i, int)& max) { \\ intk=0; \\ i=0; \\ max=v[0]; \\ while(k!=[i-1]) { \\ if(v[k+1])=max) { \\ i=k+1; \\ max=v[k+1]; \\ k=k+1; \\ } \\ k=k+1; \\ } \\ \begin{tabular}{lll} bemenő paraméter - a sijárásaz \\ naktuálisértékétvesziát, nértekét a függvénynemváltoztatjameg. \\ \\ Hivatkozása \\ paraméterre. \\ \end{tabular}
```

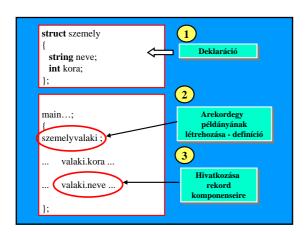


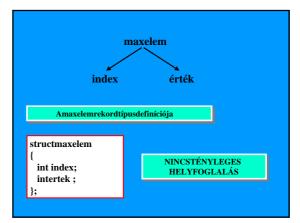


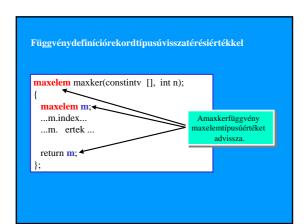


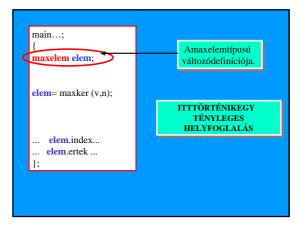


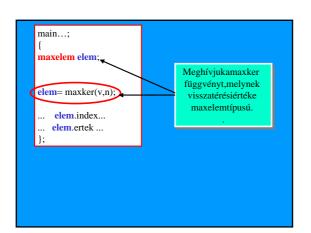


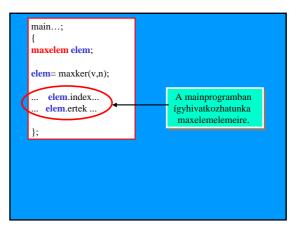


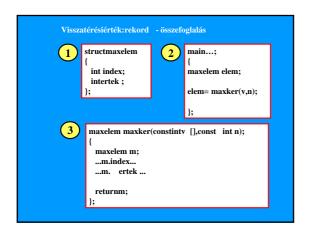


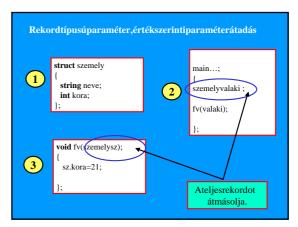


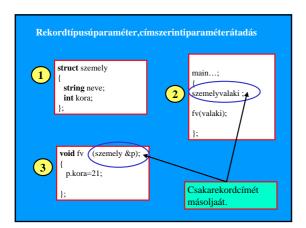




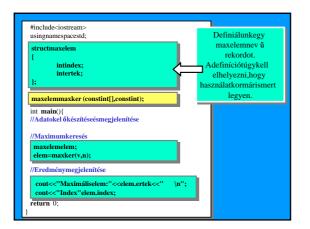


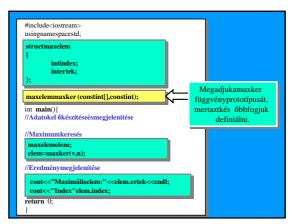












```
#include<iostream>
usingnamespacestd;

structmaxelem
{
    intindex;
    intertek;
};

maxelemmaxker (constint[],constint);
int main(){
    //Adatokel őkészítéseésmegjelenítése

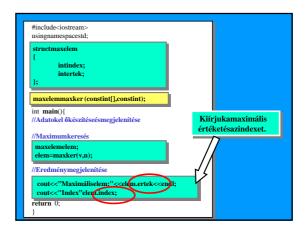
//Maximumkeresés
    maxelemelem;
    elem=maxker(v,n);

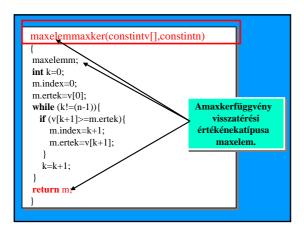
//Eredménymegjelenítése

cout<<''Maximáliselem:"<<elem.ertek<<endl;
cout<<''Index''elem.index;
return ();
}

##include<iostream>

Meghívjukamaxker
függvényt,melynek
visszatérésiértéke
maxelemtípusú.
```





```
maxelemmaxker(constintv[],constintn)\\
maxelemm;
int k=0;
                                     Maximumkeres ő
m.index=0;
                                   algoritmusazalábbi
m.ertek=v[0];
                                     megfeleltetéssel.
while (k!=(n-1)){
  if (v[k+1] > = m.ertek){
    m.index=k+1;
    m.ertek=v[k+1];
                                               m.ertek
                                   max
                                               m.index
                                   kk
  k=k+1;
return m;
```

```
| maxelem/maxker( const int v[], const int n) |
| int k=0; | maxelemm; | m.index=0; | m.ertek=v[0]; | while (k!=(n-1)){ | if (v[k+1])=m.ertek){ | m.index=k+1; | m.ertek=v[k+1]; | } | k=k+1; | | k=k+1; | | return m; | }
```

Vége