# UREJANJE Z IZBIRANJEM

#include <iostream>

#include <stdlib.h>

#include<time.h>

using namespace std;

void sort\_z\_izbiranjem(int x[], int n);

int main()

{

int x[6],i,j,k,pom;

srand(time(NULL));

for(i=0;i<6;i++)

x[i]=rand()%(100);

for(i=0;i<6;i++)

cout<<x[i]<<", ";

sort\_z\_izbiranjem(x,6);

cout<<endl<<"pisemo novo tabelo\n";

for(i=0;i<6;++i)

cout<<x[i]<<" ";

return 0;

}

void sort\_z\_izbiranjem(int x[], int n)

{

for(int i=0;i<n-1;i++)

{

int k=i;

int pom=x[i];

for(int j=i+1;j<n;j++)

if (x[j]< pom)

{

pom=x[j];

/\* zapomni si vrednost elementa in indeks mesta na katerega postavi najmanjši element neurejenega dela tabele\*/

k=j;

}

x[k]=x[i];

x[i]=pom;

}

}

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| 18 | 11 | **3** | 7 | 12 | 5 |
| 3 | 11 | 18 | 7 | 12 | **5** |
| 3 | 5 | 18 | **7** | 12 | 11 |
| 3 | 5 | 7 | 18 | 12 | **11** |
| 3 | 5 | 7 | 11 | **12** | 18 |
| 3 | 5 | 7 | 11 | 12 | 18 |

V neurejenem delu tabele izberemo najmanjši element in ga zamenjamo z i-tim elementom.