

4 зад./ 143 стр.

```
#include <iostream>
#include <cstring>
using namespace std;

struct Book
{char title[31];
char author[31];
double price;
char num[11];
};

int main()
{ int n;
double p;
Book arr[51];
cout<<"Vavedi broy knigi: ";
cin>>n;

for(int i=0;i<n;i++)
{ cin.get();
cout<<"Vavedi ime na kniga: ";
cin.getline(arr[i].title,31);
cout<<"Vavedi avtor: ";
cin.getline(arr[i].author,31);
cout<<"Vavedi cena: ";
cin>>arr[i].price;
cout<<"Vavedi nomer na kniga: ";
cin>>arr[i].num;}

cout<<"Vavedi cena za sravnenie: ";
cin>>p;

for(int j=0;j<n;j++)
{if(arr[j].price>p) {
cout<<arr[j].title<<" ";
cout<<arr[j].author<<" ";
cout<<arr[j].price<<" ";
cout<<arr[j].num<<endl;}
}
return 0;
}
```

5 зад./ 143 стр.

```
#include <iostream>
using namespace std;

struct Firma
{char ime[31];
char egn[11];
char dlajnost[21];
double zapl;
};

int main()
{int n;
Firma workers[21];
cout<<"Vavedi broy rabotnici: ";
cin>>n;

for(int i=0;i<n;i++)
{cin.get();
cout<<"Vavedi ime: ";
cin.getline(workers[i].ime,31);
cout<<"Vavedi EGN: ";
cin>>workers[i].egn;
cout<<"Vavedi dlajnost: ";
cin>>workers[i].dlajnost;
cout<<"Vavedi Vavedi zaplata: ";
cin>>workers[i].zapl;}

for(int j=0;j<n;j++)
{if(workers[j].zapl<700)
{cout<<workers[j].ime<<endl;}
}
return 0;
}
```

6 зад./ 143 стр.

```

#include <iostream>
#include <cstring>
using namespace std;

struct Hospital
{ char name[31];
  char diagnose[31];
  int days;
};

int main()
{ Hospital patients[50];
  int n, max=patients[0].days, ind=0;
  cout<<"Vavedi broy pacienti: ";
  cin>>n;
  for(int i=0;i<n;i++)
  { cin.get();
    cout<<"Vavedi ime na pacient: ";
    cin.getline(patients[i].name,31);
    cout<<"Vavedi diagnoza: ";
    cin>>patients[i].diagnose;
    cout<<"Vavedi dni v bolnica: ";
    cin>>patients[i].days;
  }
  char FindDiagnose[31];
  cout<<"Vavedi diagnoza za tursene: ";
  cin>>FindDiagnose;

  for(int j=0;j<n;j++)
  {
    if(strcmp(patients[j].diagnose,FindDiagnose)==0)
    cout<<"S takava diagnoza: "<<patients[j].name<<endl;
    if(max<patients[j].days)
    { max=patients[j].days;
      ind=j; }
  }
  cout<<"Nay dalag prestoy: "<<patients[ind].name<<" ";
  cout<<patients[ind].diagnose<<" ";
  cout<<patients[ind].days<<endl;
  return 0;
}

```

7 зад./ 144 стр.

```

#include <iostream>
#include <cstring>
using namespace std;

struct People
{ char first_name[16];
  char last_name[16];
  char egn[11];
};

int main()
{ int n,i,j;
  People peoples[50],swap;
  cout<<"Vavedi broy: ";
  cin>>n;

  for(i=0;i<n;i++)
  { cout<<"Vavedi ime: ";
    cin>>peoples[i].first_name;
    cout<<"Vavedi familia: ";
    cin>>peoples[i].last_name;
    cout<<"Vavedi EGN: ";
    cin>>peoples[i].egn;
  }

  /*Сортиране на елементите на масива
  по метода на мехурчето*/
  for(i=0;i<n-1;i++)
  for(j=0;j<n-i-1;j++)
  if(strcmp(peoples[j].first_name,peoples[j+1].first_name)>0)
  {swap=peoples[j];
    peoples[j]=peoples[j+1];
    peoples[j+1]=swap;}

  for(i=0;i<n;i++)
  { cout<<peoples[i].first_name<<" ";
    cout<<peoples[i].last_name<<" ";
    cout<<peoples[i].egn<<endl;
  }
  return 0;
}

```