**#include <stdio.h>**

**typedef struct {**

 **char name[31];**

 **char party[22];**

 **int voices;**

**} Kandidaat;**

**/\*kandidaatid.txt veerpalu reform 21 kapsas kesk 543 kartul ekre 42 reet sde 433 – this is fail data\*/**

**void fail\_name(char \*, char \*);**

**int check\_fail(FILE \*);**

**void read\_data(FILE\*, int\*);**

**void read\_persone(Kandidaat [], FILE \*);**

**void print( Kandidaat \* ,int);**

**void sort( Kandidaat \*,int );**

**int N=3;**

 **int main( void )**

**{int k,N;**

 **char nimi[128];**

 **fail\_name(nimi, " we enter the full name of the file");**

 **FILE \*ffa;**

 **ffa=fopen(nimi,"r") ;**

 **if (check\_fail(ffa) == 0)**

 **{printf("No file.\n");return 1;}**

 **read\_data(ffa, &N);**

 **Kandidaat list[N];**

 **read\_persone(list, ffa);**

 **print(list,N);sort(list,N);print(list,N);**

 **return 0;}**

**void print( Kandidaat \*someone, int N )**

**{int i;**

 **for( i=0; i<N; i++ )**

 **printf("name = %s party = %s %d voices \n",someone[i].name,someone [i].party, someone[i].voices);**

**}**

**void sort( Kandidaat \*nim, int N )**

**{**

 **for( int j=0; j<N-1; j++ )**

 **{**

 **int min = nim[j].voices;**

 **int indeks = j;**

 **for( int k=j+1; k<N; k++ )**

 **if( nim[k].voices < min )**

 **{**

 **min = nim[k].voices;**

 **indeks = k;**

 **}**

 **Kandidaat help = nim[indeks];**

 **nim[indeks] = nim[j];**

 **nim[j] = help }}**

**void read\_persone(Kandidaat \*someone, FILE \*ffa){ int i = 0;**

**while(fscanf(ffa,"%s %s %d\n",someone[i].name,someone[i].party,&someone[i].voices) != EOF){**

 **++i;}}**

**void fail\_name(char \*nimi,char \*tekst){**

 **printf("%s",tekst);scanf("%s",nimi);}**

**void read\_data(FILE \*ffa, int \*N){**

 **int i = 0;**

 **char buff[59],buff2[59];**

 **int buffi;**

 **while(fscanf(ffa,"%s %s %d",buff,buff2,&buffi) != EOF){**

 **i ++;}\*N = i;**

 **rewind(ffa);// NB! TO BEGINNING** OF FILE! OBLIGATOIRE

}