**#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

}