#include <stdio.h>

#include <stdlib.h>

typedef struct{

int n;

char ime[71];

}stoka;

typedef struct list{

stoka element;

struct list \*next;

}list;

list\* rdt(FILE \*binar,list \*head)

{

list \*spisak;

do{

spisak=(list \*)malloc(sizeof(list));

spisak->next=head;

if(!fread(&(spisak->element),sizeof(stoka),1,binar))

{

free(spisak);

break;

}

else

{

head=spisak;

}

}while(1);

return head;

}

int wrt(list \*head,FILE \*tekstov)

{

list \*prev=NULL;

int check=3;

for(prev=head ; prev!=NULL ; prev=prev->next)

{

if(!fprintf(tekstov,"%d\n%s\n\n",prev->element.n,prev->element.ime)) check=0;

}

return check;

}

int cnt(list \*head)

{

int check=0;

list \*prev=NULL;

for(prev=head ; prev!=NULL ; prev=prev->next)

{

if(prev->element.n%2==0)

{

check++;

}

}

return check;

}

int main()

{

list \*head;

FILE \*binar, \*tekstov;

char bin[200];

do{

printf("Vuvedete binaren fail za 4etene: ");

scanf("%s",bin);

if((binar=fopen(bin,"rb"))!=NULL)

{

break;

}

else

{

printf("ne be6e otvoren faila");

}

}while(1);

tekstov=fopen("c:\\zapis.txt","w");

head=rdt(binar,head);

if(head==NULL)

{

printf("Ne be6e pro4eteno ni6to ot faila");

return 0;

}

if(!wrt(head,tekstov))printf("Neuspe6en zapis");

printf("4etnite 4isla v faila sa %d na broi",cnt(head));

return 0;

}