//1、编程完成读出文件sfile.txt中的内容，反序写入另一个文件dfile.txt中去。

#include<stdio.h>

#include <stdlib.h>

void convert(char \*s1,char \*s2)

{

}

int main()

{

convert("d:\\sfile.txt","d:\\dfile.txt");

return 0;

}

/\*2、

完成match函数，实现统计源文件和目标文件内容重复率（以行为单位）

\*/

#include <stdio.h>

#include <stdlib.h>

#include <string.h>

int match(char \*st1,char \*st2,int \*k)

{

}

void outfile(char \*s1)

{

FILE \*fp1;

char buf[100];

if ((fp1=fopen(s1,"r"))==NULL)

{puts("cann't open file\n");

exit(0);}

while (fgets(buf,100,fp1))

printf("%s",buf);

fclose(fp1);

}

int main()

{

int i,n;

i=match("d:\\fg.txt","d:\\f2.txt",&n);

printf("the source data is :\n");

outfile("d:\\fg.txt");

printf("\nthe object data is :\n");

outfile("d:\\f2.txt");

printf("\n%3.1f%%\n",(i\*1.0/n\*100));

return 0;

}

/\*3、

统计sfile.dat文件中的所有素数，保存在result.dat文件中

\*/

#include <stdio.h>

#include <stdlib.h>

int isprime(int x)

{

int i;

for(i=2;i<x;i++)

if (x%i==0) break;

if (i==x)

return 1;

else

return 0;

}

void search(char \*s1,char \*s2)

{

}

int main()

{

search("d:\\mysele.dat","d:\\result.dat");

return 0;

}

/\*4、

有一个文件，存放了一批学生信息（姓名，学号，成绩），完成函数ave，求学生的平均成绩。

\*/

#include<stdio.h>

#include<stdlib.h>

#define N 5

struct Student

{

char name[10];

long num;

int score;

};

void save()

{

FILE \*fp;

int i;

struct Student st;

if((fp=fopen("d:\\file4.txt","w"))==NULL)

{

printf("cannot open file\n");

return;

}

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

{

printf("\n姓名：");scanf(" %s",st.name);

printf("\n学号：");scanf("%ld",&st.num);

printf("\n成绩：");scanf("%d",&st.score);

fwrite(&st,sizeof(struct Student),1,fp);

}

fclose(fp);

}

float ave()

{

}

void read()

{

FILE \*fp;

int i;

struct Student st;

if ((fp=fopen("d:\\file4.txt","r"))==NULL)

{

printf("cannot open file\n");

return;

}

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

{

fread(&st,sizeof(struct Student),1,fp);

printf("读取的数据为：%s %ld %d\n",st.name,st.num,st.score);

}

fclose(fp);

}

int main()

{

printf("please enter data of student:\n");

save();

read();

float s;

s=ave();

printf("平均成绩为：%.2f\n",s);

return 0;

}

/\*5、

完成match函数，实现统计源文件和目标文件内容重复率（以行为单位）

\*/

#include <stdio.h>

#include <stdlib.h>

#include <string.h>

int match(char \*st1,char \*st2,int \*k)

{

}

void outfile(char \*s1)

{

FILE \*fp1;

char buf[100];

if ((fp1=fopen(s1,"r"))==NULL)

{puts("cann't open file\n");

exit(0);}

while (fgets(buf,100,fp1))

printf("%s",buf);

fclose(fp1);

}

int main()

{

int i,n;

i=match("d:\\fg.txt","d:\\f2.txt",&n);

printf("the source data is :\n");

outfile("d:\\fg.txt");

printf("\nthe object data is :\n");

outfile("d:\\f2.txt");

printf("\n%3.1f%%\n",(i\*1.0/n\*100));

return 0;

}

/\*6、

完成copyfile函数，实现复制文件功能

\*/

#include <stdio.h>

#include <stdlib.h>

void copyfile(char \*s1,char \*s2)

{

}

void outfile(char \*s1)

{

FILE \*fp1;

char buf[100];

if ((fp1=fopen(s1,"r"))==NULL)

{puts("cann't open file\n");

exit(0);}

while (fgets(buf,100,fp1))

// puts(buf);

printf("%s",buf);

fclose(fp1);

}

int main()

{

printf("the original data is :\n");

outfile("d:\\fg.txt");

copyfile("d:\\fg.txt","d:\\f2.txt");

printf("\nthe result data is :\n");

outfile("d:\\f2.txt");

printf("\n");

return 0;

}