Sheet8

1. #include <stdio.h>

#include <string.h>

int main()

{

int a1,b1,a2,b2;

FILE \*file1,\*file2;

printf("enter the data of file1: ");

scanf("%d",&a1);

printf("enter the data of file2: ");

scanf("%d",&b1);

if((file1=fopen("d:\\text\\file1","w")) != NULL && (file2=fopen("d:\\text\\file2","w")) !=NULL)

{

fprintf(file1, "%d",a1);

fprintf(file2, "%d",b1);

fclose(file1);

fclose(file2);

}

if((file1=fopen("d:\\text\\file1","r")) != NULL && (file2=fopen("d:\\text\\file2","r")) !=NULL)

{

fscanf(file1, "%d",&a2);

fscanf(file2, "%d",&b2);

if(a2 == b2)

printf("the files are identical");

else

printf("the files are different");

fclose(file1);

fclose(file2);

}

return 0;

}

2) #include <stdio.h>

#include <string.h>

int main()

{

char array[95];

FILE \*file1,\*file2;

if((file1=fopen("d:\\text\\file1.txt","r")) != NULL)

{

while(!feof(file1))

{

fgets( array,95,file1);

}

fclose(file1);

printf("%s",array);

}

else

printf("could not open file1");

if((file2=fopen("d:\\text\\file2","w")) != NULL)

{

int i=0;

while( array[i]!= NULL)

{

if(array[i]>31 && array[i]<128)

fprintf(file2,"%c",array[i]);

i++;

}

fclose(file2);

}

else

printf("could not open file1");

}

1. #include <stdio.h>

#include <string.h>

int main()

{

int array[10][2];

FILE \*file1;

if((file1=fopen("d:\\text\\file1.txt","w")) != NULL)

{

fprintf(file1,"x x2\n");

for(int i=0 ;i<10; i++)

{

for(int j=0 ;j<2; j++)

{

if(j==0)

{

array[i][j]=i+1;

fprintf(file1,"%02d ",array[i][j]);

}

else

{

array[i][j]=(i+1)\*(i+1);

fprintf(file1,"%03d ",array[i][j]);

}

}

fprintf(file1,"\n");

}

fclose(file1);

printf("success");

}

else

printf("could not open file1");

}

4) #include<stdio.h>

#include<string.h>

int main()

{

typedef struct

{

int id;

char name[30];

int grade;

}info;

info information;

FILE \*file1;

printf("enter your id: ");

scanf("%d",&information.id);

printf("enter your name: ");

scanf("%s",information.name);

printf("enter your grade: ");

scanf("%d",&information.grade);

if((file1=fopen("d:\\text\\student.txt","w")) != NULL)

{

fprintf(file1,"id:%d \nname:%s \ngrade:%d",information.id,information.name,information.grade);

printf("id:%d \nname:%s \ngrade:%d",information.id,information.name,information.grade);

}

else

printf("could not open file1");

}

5) #include<stdio.h>

#include<string.h>

int main()

{

FILE \*file1, \*file2;

char ch[100];

file1=fopen("d:\\text\\file1.txt", "r");

file2=fopen("d:\\text\\file2.txt", "w");

if(file1==NULL || file2==NULL)

{

printf(" File does not found or error in opening");

exit(1);

}

else

{

fgets(ch,100,file1);

fputs(ch,file2);

printf("success");

fclose(file1);

fclose(file2);

}

}