**Write and read text from a file.**

#include<stdio.h>

int main()

{

FILE \*p;

char c,name[20];

printf("\n Enter a file name \n");

scanf("%s",name);

p=fopen(name,"a");

while((c=getchar())!=EOF)

{

// c=getchar();

putc(c,p);

}

fclose(p);

p=fopen(name,"r");

while((c=getc(p))!=EOF){

printf("%c",c);

}

fclose(p);

return 0;

}

**File line count.**

#include<stdio.h>

int main()

{

FILE \*p,\*q;

char c;

int line=0;

p=fopen("info.txt","r");

while(!feof(p))

{

if((c=getc(p))=='\n')

{

line++;

}

}

printf("Number of lines=%d",line);

return 0;

}

**File Copy to another file**

#include<stdio.h>

int main(){

FILE \*p,\*q;

char c;

p=fopen("info.txt","r");

q=fopen("info2.txt","w");

while((c=getc(p))!=EOF){

putc(c,q);

}

fclose(p);

fclose(q);

return 0;

}

**Copy one file to another file and count characters.**

#include<stdio.h>

#include<conio.h>

#include<stdlib.h>

int main()

{

int k,i=0,v=0,c=0,n=0;

FILE \*fp1,\*fp2;

char a,c1,file1[50],file2[50];

while(1)

{

printf("\n1. COPY A FILE \n2. COUNTING CHARACTES\n CHOOSE YOUR CHOICE=> ");

scanf("%d",&k);

fflush(stdin);

switch(k)

{

case 1: printf("\n Enter Source file name with extension (xyz.txt)=>");

gets(file1);

printf("\n Enter Destination file name with extension (xyz.txt)=>");

gets(file2);

fp1 = fopen(file1, "r");

fp2 = fopen(file2, "w");

while(!feof(fp1))

{

c=getc(fp1);

putc(c,fp2);

}

printf("\nFile copied Successfully!....\n");

fclose(fp1);

fclose(fp2);

break;

case 2: printf("\n Enter file name with extension (xyz.txt)=>");

gets(file1);

fp1=fopen(file1,"r");

while(!feof(fp1))

{

c1=getc(fp1);

if(c1=='A'||c1=='a'||c1=='E'||c1=='e'||c1=='I'||c1=='i'||c1=='O'||c1=='o'||c1=='U'||c1=='u')

{

v++;

}

else if(c1>=0 && c1<=9)

{

n++;

}

else

{

if(c1!='\n'&&c1!=' ')

{

c++;

}

}

}

fclose(fp1);

printf("Consonant= %d\nVowel=%d\nNumber= %d\n",c,v,n);

break;

default: printf("\nWrong choice.");

}

}

}