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***Write a program in C to create and store information in a text file.***

*Expected Output* :

The file test.txt created successfully...!!

#include<stdio.h>

#include<string.h>

#include<stdlib.h>

#include<conio.h>

int main()

{

FILE \*ptr;

int new=0;

ptr=fopen("practise1.txt","w");

if(ptr==NULL)

{

printf("Can't open file\n");

exit(0);

}

char ch;

fputs("The file test.txt created successfully...!!",ptr);

fclose(ptr);

return 0;

}



***Write a program to write multiple line to a file and after writing display the content of the file.***

#include<stdio.h>

#include<string.h>

#include<stdlib.h>

#include<conio.h>

int main()

{

FILE \*ptr;

char ch[50];

ptr=fopen("practise2.txt","w");

if(ptr==NULL)

{

printf("Can't open file\n");

exit(0);

}

printf("Enter string to write them on notepad and press enter to stop processing\n");

while(strlen(gets(ch))>0)

{

fputs(ch,ptr);

fputc('\n',ptr);

}

fclose(ptr);

ptr=fopen("practise2.txt","r");

if(ptr==NULL)

{

printf("Can't open file\n");

exit(0);

}

printf("Data in this file is\n");

while(1)

{

if(fgets(ch,49,ptr)==NULL)

{

break;

}

else

{

printf("%s",ch);

}

}

fclose(ptr);

return 0;

}





***Write a program that Finds the content of the file and the number of lines that file contains***

#include<stdio.h>

#include<string.h>

#include<stdlib.h>

#include<conio.h>

int main()

{

FILE \*ptr;

char ch[50];

int line=0;

ptr=fopen("practise2.txt","r");

if(ptr==NULL)

{

printf("Can't open file\n");

exit(0);

}

printf("Data in this file is\n");

while(1)

{

if(fgets(ch,49,ptr)==NULL)

{

break;

}

else

{

printf("%s",ch);

line++;

}

}

fclose(ptr);

printf("The number of line in the file is %d",line);

return 0;

}





***Write a program that count number of words and characters in a file.***

#include<stdio.h>

#include<string.h>

#include<stdlib.h>

#include<conio.h>

int main()

{

FILE \*ptr=NULL;

int cha=0,word=0;

char ch;

ptr=fopen("practise2.txt","r");

while(1)

{

ch=fgetc(ptr);

if(ch==EOF)

{

break;

}

if(ch==' '||ch=='\n')

{

word++;

}

if(ch!='\n')

{

cha++;

}

}

printf("Number of character in the file is %d",cha);

printf("\nNumber of word in the file is %d",word);

fclose(ptr);

return 0;

}



