

Aim:

Write a program to copy contents of one file into another file. Follow the instructions given below to write a program to copy the contents of one file to another file:

- Open a new file "SampleTextFile1.txt" in write mode
- Write the content onto the file
- Close the file
- Open an existing file "SampleTextFile1.txt" in read mode
- Open a new file "SampleTextFile2.txt" in write mode
- Copy the content from existing file to new file
- Close the files
- Open the copied file in read mode
- Read the text from file and print on the screen
- Close the file

Source Code:**CopyFile.c**

```
#include<stdio.h>
void main()
{
FILE *fp1;
FILE *fp2;
char c,ch;
fp1=fopen("SampleTextFile1.txt","w");
printf("Enter the text with @ at end : ");
while((ch=getchar())!='@')
{
    putc(ch,fp1);
}
putc(ch,fp1);
fclose(fp1);
fp1=fopen("SampleTextFile1.txt","r");
fp2=fopen("SampleTextFile2.txt","w");
while((c=fgetc(fp1))!='@')
{
    fputc(c,fp2);
}
fclose(fp1);
fclose(fp2);
fp2=fopen("SampleTextFile2.txt","r");
printf("Copied text is : ");
while((c=getc(fp2))!=EOF)
{
    putchar(c);
}
printf("\n");
fclose(fp2);
}
```

Execution Results - All test cases have succeeded!

Test Case - 1
User Output
Enter the text with @ at end : CodeTantra started in the year 2014@
Copied text is : CodeTantra started in the year 2014

Test Case - 2
User Output
Enter the text with @ at end : CodeTantra received best Startup award from Hysea in 2016@
Copied text is : CodeTantra received best Startup award from Hysea in 2016