

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 *fp, *fp1, *fp2;
char ch;
fp = fopen("SampleTextFile1.txt","w");
printf("Enter the text with @ at end : ");
while((ch=getc(stdin))!='@') {
    putc(ch,fp);
}
putc(ch,fp);
fclose(fp);
fp1=fopen("SampleTextFile1.txt", "r");
fp2=fopen("SampleTextFile2.txt", "w");
while((ch=getc(fp1))!='@') {
    putc(ch,fp2);
}
putc(ch,fp2);
fclose(fp1);
fclose(fp2);
fp2=fopen("SampleTextFile2.txt", "r");
printf("Copied text is : ");
while((ch=getc(fp2))!='@') {
    putchar(ch);
}
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
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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