

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>
int main()
{
    FILE *fp1;
    FILE *fp2;
    char ch,c;
    fp1=fopen("SampleText1.txt","w");
    printf("Enter the text with @ at end : ");
    while((ch=getchar()) != '@')
    {
        putc(ch,fp1);
    }
    putc(ch,fp1);
    fclose(fp1);
    fp1=fopen("SampleText1.txt","r");
    fp2=fopen("SampleText2.txt","w");
    while((c=fgetc(fp1))!='@')
    {
        fputc(c,fp2);
    }
    fclose(fp1);
    fclose(fp2);
    fp2=fopen("SampleText1.txt","r");
    printf("Copied text is : ");
    while((ch=getc(fp1))!='@')
    {
        putchar(ch);
    }
    printf("\n");
    fclose(fp1);
}
```

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