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

```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=getchar())!='@')
    {
        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

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