

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 = 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 |
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| 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 |