

S.No: 28	Exp. Name: <b>Write a C program to Open a File and to Print its contents on the screen</b>	Date:2023-04-25
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### Aim:

Follow the instructions given below to write a program to **open** a file and to **print** its **contents** on the screen.

- Open a new file "SampleText1.txt" in write mode
- Write the content in the file
- Close the file
- Open the same file in read mode
- Read the content from file and print them on the screen
- Close the file

### Source Code:

file1.c

```
#include<stdio.h>
void main() {
    FILE *fp;
    char ch;
    fp = fopen("SampleText1.txt","w");
    printf("Enter the text with @ at end : ");
    while((ch = getchar()) != '@') {
        putc(ch, fp);
    }
    putc(ch, fp);
    fclose(fp);
    fp = fopen("SampleText1.txt","r");
    printf("Given message is : ");
    while((ch = getc(fp)) != '@') {
        putchar(ch);
    }
    printf("\n");
    fclose(fp);
}
```

**Execution Results** - All test cases have succeeded!

Test Case - 1
User Output
Enter the text with @ at end : CodeTantra is a
Startup Company recognized by Government of India@
Given message is : CodeTantra is a
Startup Company recognized by Government of India

Test Case - 2
User Output
Enter the text with @ at end : CodeTantra is
increasing development of Languages Year
by Year@

Given message is : CodeTantra is
increasing development of Languages Year
by Year