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| S.No: 28 | Exp. Name: <b>Write a C program to Open a File and to Print its contents on the screen</b> | Date:2023-04-23 |
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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   |

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|--|
| 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                                      |