S.No: 28	Exp. Name: *Write a C program to Open a File and to Print its contents on the screen*	Date:2023-04-26

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

```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