

Aim:

Write a program to **delete** a file.

Note: Use the **remove(fileName)** function to delete an existing file.

Source Code:

Program1504.c

```
#include <stdio.h>
void main() {
    FILE *fp;
    int status;
    char fileName[40], ch;
    printf("Enter a new file name : ");
    gets(fileName,"w");
    fp = fopen(fileName,"w"); // Open a new file in write mode
    printf("Enter the text with @ at end : ");
    while ((ch=getchar())!='@') { // Repeat loop till read @ at the end
        putc(ch,fp); // Put read character onto the file
    }
    putc(ch,fp); // Put delimiter @ at the end on the file
    fclose(fp); // Close the file
    fp = fopen(fileName,"r"); // Open the existed file in read mode
    printf("Given message is : ");
    while ((ch=getc(fp))!='@') { // Repeat loop till get @ at the end of existed file
        putchar(ch); // Put the character on the screen
    }
    printf("\n");
    fclose(fp); // Close the file
    status = remove(fileName); // Put the fileName to be removed
    if (status == 0)
        printf("%s file is deleted successfully\n",fileName ); // Place the removed fileName
    else {
        printf("Unable to delete the file -- ");
        perror("Error\n");
    }
}
```

Execution Results - All test cases have succeeded!

Test Case - 1
User Output
Enter a new file name : Text1.txt
Enter the text with @ at end : This is CodeTantra@
Given message is : This is CodeTantra
Text1.txt file is deleted successfully

Test Case - 2
User Output
Enter a new file name : Text2.txt
Enter the text with @ at end : C developed by Dennis Ritchie@
Given message is : C developed by Dennis Ritchie
Text2.txt file is deleted successfully