

```

/*
 * C Program Delete a specific Line from a Text File
 */
#include <stdio.h>
#include <string.h>
int main()
{
    FILE *fp1, *fp2;
    char filename[100] = "C:\\Cprog\\File Handling\\Assignments\\Features of C.txt";
    char ch = ' ';
    int delete_line, temp = 1;

    fp1 = fopen(filename, "r");
    ch = getc(fp1);
    while (1)
    {
        ch = getc(fp1);
        if(ch == EOF)
            break;
        printf("%c", ch);
    }

    rewind(fp1);
    printf("\n Enter line number of the line to be deleted:");
    scanf("%d", &delete_line);
    fp2 = fopen("tempfile.txt", "w");
    ch = getc(fp1);
    while (ch != EOF)
    {
        ch = getc(fp1);
        if (ch == '\n')
            temp++;
        if (temp != delete_line)
        {
            //copy all lines in file tempfile.txt
            putc(ch, fp2);
        }
    }
    fclose(fp1);
    fclose(fp2);
    remove(filename);
    rename("tempfile.txt", filename);
}

```

Comment [S1]: Source file path stored

Comment [S2]: Open the source file in Read mode

Comment [S3]: Read file character by character and send it to console

Comment [S4]: Take the file pointer to the beginning of the file

Comment [S5]: Open temporary file in write mode. Since it is temporary perfect path is not necessary.

Comment [S6]: If temp is same as delete line given by the user don't copy contents in the temporary file

Comment [S7]: Delete the Source file

Comment [S8]: Rename the file tempfile.txt to original name

```
printf("\n The contents of file after being modified are as follows:\n");
fp1 = fopen(filename, "r");
ch = getc(fp1);
while (ch != EOF)
{
    printf("%c", ch);
    ch = getc(fp1);
}
fclose(fp1);
return 0;
}
```