

C exp9cfileschar.c > ...

```
1
2 #include <stdio.h>
3
4 int main() {
5     FILE *fp;
6     char ch;
7
8     fp = fopen("myfile.txt", "r"); // Open file for reading
9
10    if (fp == NULL) {
11        printf("Error opening file!\n");
12        return 1;
13    }
14
15    while ((ch = fgetc(fp)) != EOF) {
16        putchar(ch); // Print each character
17    }
18
19    fclose(fp); // Close the file
20    return 0;
21}
22
```

PROBLEMS OUTPUT TERMINAL DEBUG CONSOLE PORTS

```
PS C:\Users\abiga\OneDrive\Desktop\Absproj> cd "c:\Users\abiga\OneDrive\Desktop\Absproj\" ; if ($?) { gcc exp9cfileschar.c -o exp9cfileschar
Writing in this file for C files, experiment 9
PS C:\Users\abiga\OneDrive\Desktop\Absproj> █
```

2. Open an existing file and read its content character by character, and then close the file.

```
#include <stdio.h>
int main () {
    FILE *fp ;
    char ch ;
    fp = fopen ("myfile.txt", "r") ;
    if (fp == NULL) {
        printf ("Error opening file ! \n");
        return 1 ;
    }
    while ((ch = fgetc(fp)) != EOF) {
        putchar (ch) ;
    }
    fclose (fp) ;
    return 0 ;
}
```