

```
C exp9cfilesline.c > ...
1
2 #include <stdio.h>
3
4 int main() {
5     FILE *fp;
6     char line[100];
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 (fgets(line, sizeof(line), fp)) {
16        printf("%s", line); // Print each line
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 ($?) { gcc exp9cfilesline.c -o exp9cfilesline } ; if ($?) { .\exp9cfilesline }
Writing in this file for C files, experiment 9
This is experiment 9 , question 3 of programming in C
PS C:\Users\abiga\OneDrive\Desktop\Absproj>
```

3. Open a file, read its content line by line and display each line on the console.

```
#include <stdio.h>
int main () {
    FILE *fp ;
    char line [100] ;
    fp = fopen ("myfile.txt", "r") ;
    if (fp == NULL) {
        printf ("Error opening file ! \n") ;
        return 1 ;
    }
    while ( fgets (line, sizeof (line), fp)) {
        printf ("%s", line) ;
    }
    fclose (fp) ;
    return 0 ;
}
```