

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;
```

```
}
```