

Experiment g-1 (File Handling)

1) ~~#include~~
→ ~~#include <stdio.h>~~

```
int main() {  
    file *fp;  
    char text[100];
```

```
    fp = fopen ("myfile.txt", "w");  
    if (fp == NULL) {  
        printf ("Error Opening file.\n");  
        return 1;  
    }
```

```
    printf ("Enter text to write into the file.\n");  
    fgets (text, size of (text), stdin);
```

```
    fputs (text, fp);  
    fclose (fp);
```

```
    printf ("Text written to 'myfile.txt' successfully.\n");  
    return 0;
```

}

Remarks:

Teacher's Signature _____

A screenshot of a mobile application interface, likely a code editor or terminal emulator, running on an iPhone. The screen is divided into two main sections: a code editor on the left and an output terminal on the right.

Code Editor (Left):

```
main.c
1 #include <stdio.h>
2
3 int main() {
4     FILE *fp;
5     char text[100];
6
7     fp = fopen("myfile.txt", "w");
8
9     if (fp == NULL) {
10         printf("Error Opening file.\n");
11         return 1;
12     }
13
14     printf("Enter text to write into the file:\n");
15     fgets(text, sizeof(text), stdin);
16
17     fputs(text, fp);
18
19     fclose(fp);
20
21     printf("Text written to 'myfile.txt' successfully.\n");
22
23     return 0;
24 }
```

Output Terminal (Right):

```
Error Opening file.

== Code Exited With Errors ==
```

The output terminal shows an error message: "Error Opening file." followed by "== Code Exited With Errors ==".