

```

1 #include <stdio.h>
2 #include <fcntl.h>
3 #include <unistd.h>
4 #include <sys/stat.h>
5 #include <dirent.h>
6
7 int main() {
8     // Using fcntl to open a file
9     int fd = open("example.txt", O_RDWR | O_CREAT, 0644);
10    if (fd == -1) return 1;
11
12    // Using lseek to move the file pointer
13    lseek(fd, 0, SEEK_SET);
14
15    // Using stat to get file information
16    struct stat fileStat;
17    stat("example.txt", &fileStat);
18
19    // Using opendir and readdir to read directory entries
20    DIR *dir = opendir(".");
21    struct dirent *entry;
22    while ((entry = readdir(dir)) != NULL) {
23        printf("%s\n", entry->d_name);
24    }
25    closedir(dir);
26
27    // Closing the file descriptor
28    close(fd);
29    return 0;
30 }

```

=== Code Exited With Errors ===

```
#include <stdio.h>
#include <stdlib.h>

void createFile(const char *filename) {
    FILE *file = fopen(filename, "w");
    if (file) {
        fprintf(file, "Hello, File Management!\n");
        fclose(file);
    }
}

void readFile(const char *filename) {
    char buffer[100];
    FILE *file = fopen(filename, "r");
    if (file) {
        while (fgets(buffer, sizeof(buffer), file)) {
            printf("%s", buffer);
        }
        fclose(file);
    }
}

void deleteFile(const char *filename) {
    remove(filename);
}

int main() {
    const char *filename = "example.txt";
    createFile(filename);
    readFile(filename);
    deleteFile(filename);
    return 0;
}
```