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FILE ORGANIZATION TECHNIQUE SINGLE AND TWO LEVEL DIRECTORY

PROGRAM

```
#include <stdio.h>
#include <string.h>
struct {
   char dname[10], fname[10][10];
   int fent;
} dir;
int main() {
   dir.fcnt = 0;
   printf("Enter the name of directory: ");
   scanf("%s", dir.dname);
   printf("Enter the number of files: ");
   scanf("%d", &dir.fcnt);
   for (i = 0; i < dir.fcnt; i++) {
       printf("Enter file name %d: ", i + 1);
       scanf("%s", dir.fname[i]);
   printf("\nDirectory Name: %s\n", dir.dname);
   printf("Files:\n");
   for (i = 0; i < dir.fcnt; i++) {
       printf(" %s\n", dir.fname[i]);
   return 0;
```

OUTPUT

```
[cse81@localhost ~]$ ./a.out
Enter the name of directory: Projects
Enter the number of files: 2
Enter file name 1: fileA.txt
Enter file name 2: fileB.c

Directory Name: Projects
Files:
   fileA.txt
   fileB.c
```

PROGRAM

OUTPUT

```
Enter the name of dir/file(under null): Hai
How many users(for Hai): 1
Enter name of dir/file(under Hai): Hello
How many files(for Hello): 1
Enter name of dir/file(under Hello): welcome
Two-Level Directory Structure:
User Directory: Hello
Files:
welcome
```