

## TWO LEVEL DIRECTORY

```
#include <stdio.h>
#include <string.h>
struct {
    char dname[20];
    char fname[10][20];
    int fcnt;
} dir[10];
int main() {
    int dc=0, choice, i, j;
    char dname[20], fname[20];
    while(1) {
        printf("\n1. Create Directory\n2. Create File\n3. List\n4. Exit\nChoice: ");
        scanf("%d",&choice);
        switch(choice) {
            case 1:
                printf("Enter directory name: ");
                scanf("%s", dir[dc].dname);
                dir[dc].fcnt=0;
                dc++;
                break;
            case 2:
                printf("Enter directory name: ");
                scanf("%s",dname);
                for(i=0;i<dc;i++) {
                    if(strcmp(dname,dir[i].dname)==0) {
                        printf("Enter file name: ");
                        scanf("%s",dir[i].fname[dir[i].fcnt++]);
                        break;
                    }
                }
            case 3:
                // List functionality
            case 4:
                // Exit functionality
        }
    }
}
```

```
        }  
    }  
    break;  
case 3:  
    for(i=0;i<dc;i++) {  
        printf("Directory %s:\n",dir[i].dname);  
        for(j=0;j<dir[i].fcnt;j++)  
            printf("  %s\n",dir[i].fname[j]);  
    }  
    break;  
case 4: return 0;  
}  
}  
}
```