

**OnlineGDB** beta  
online compiler and debugger for c/c++

Welcome, **yamini** 📌

two level directory

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```
main.c
9 #include<string.h>
10 #include<stdlib.h>
11 #include<stdio.h>
12 struct
13 {
14     char dname[10],fname[10][10];
15     int fcnt;
16 }dir[10];
17 int main()
18 {
19     int i,ch,dcnt,k;
20     char f[30], d[30];
21     dcnt=0;
22     while(1)
23     {
24         printf("\n\n1. Create Directory\t2. Create File\t3. Delete File");
25         printf("\n4. Search File\t\t5. Display\t6. Exit\tEnter your choice -- ");
26         scanf("%d",&ch);
27         switch(ch)
28         {
29             case 1: printf("\nEnter name of directory -- ");
30                     scanf("%s", dir[dcnt].dname);
31                     dir[dcnt].fcnt=0;
32                     dcnt++;
33                     printf("Directory created");
34                     break;
35             case 2: printf("\nEnter name of the directory -- ");
36                     scanf("%s",d);
37                     for(i=0;i<dcnt;i++)
38                         if(strcmp(d,dir[i].dname)==0)
39                         {
40                             printf("Enter name of the file -- ");
41                             scanf("%s",dir[i].fname[dir[i].fcnt]);
42                             printf("File created");
43                             break;
44                         }
45         }
46     }
47 }
```

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main.c

```
43 break;
44 }
45 if(i==dcnt)
46 printf("Directory %s not found",d);
47 break;
48 case 3: printf("\nEnter name of the directory -- ");
49 scanf("%s",d);
50 for(i=0;i<dcnt;i++)
51 {
52 if(strcmp(d,dir[i].dname)==0)
53 {
54 printf("Enter name of the file -- ");
55 scanf("%s",f);
56 for(k=0;k<dir[i].fcnt;k++)
57 {
58 if(strcmp(f, dir[i].fname[k])==0)
59 {
60 printf("File %s is deleted ",f);
61 dir[i].fcnt--;
62 strcpy(dir[i].fname[k],dir[i].fname[dir[i].fcnt]);
63 goto jmp;
64 }
65 }
66 printf("File %s not found",f);
67 goto jmp;
68 }
69 }
70 printf("Directory %s not found",d);
71 jmp : break;
72 case 4: printf("\nEnter name of the directory -- ");
73 scanf("%s",d);
74 for(i=0;i<dcnt;i++)
75 {
76 if(strcmp(d,dir[i].dname)==0)
77 {
```

input

```
main.c
77 - {
78   printf("Enter the name of the file -- ");
79   scanf("%s",f);
80   for(k=0;k<dir[i].fcnt;k++)
81   {
82     if(strcmp(f, dir[i].fname[k])==0)
83     {
84       printf("File %s is found ",f);
85       goto jmp1;
86     }
87   }
88   printf("File %s not found",f);
89   goto jmp1;
90   }
91   }
92   printf("Directory %s not found",d);
93   jmp1: break;
94   case 5: if(dcnt==0)
95     printf("\nNo Directory's ");
96     else
97     {
98       printf("\nDirectory\tFiles");
99       for(i=0;i<dcnt;i++)
100     {
101       printf("\n%s\t\t",dir[i].dname);
102       for(k=0;k<dir[i].fcnt;k++)
103         printf("\t%s",dir[i].fname[k]);
104     }
105   }
106   break;
107   default:exit(0);
108   }
109   }
110   }
111 }
```

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```
main.c
77 - {
78 printf("Enter the name of the file -- ");
79 scanf("%s",f);
80 for(k=0;k<dir[i].fcnt;k++)
81 {
```

input

```
1. Create Directory      2. Create File      3. Delete File
4. Search File           5. Display          6. Exit Enter your choice -- 1

Enter name of directory -- hi
Directory created

1. Create Directory      2. Create File      3. Delete File
4. Search File           5. Display          6. Exit Enter your choice -- 2

Enter name of the directory -- hi
Enter name of the file -- hii
File created

1. Create Directory      2. Create File      3. Delete File
4. Search File           5. Display          6. Exit Enter your choice -- 5

Directory      Files
hi

1. Create Directory      2. Create File      3. Delete File
4. Search File           5. Display          6. Exit Enter your choice -- 6

...Program finished with exit code 0
Press ENTER to exit console.
```