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1  #include<string.h>
2  #include<stdlib.h>
3  #include<stdio.h>
4  struct
5  {
6  char dname[10],fname[10][10];
7  int fcnt;
8  }dir[10];
9  int main()
10 {
11 int i,ch,dcnt,k;
12 char f[30], d[30];
13 dcnt=0;
14 while(1)
15 {
16 printf("\n\n1. Create Directory\t2. Create File\t3. Delete File");
17 printf("\n4. Search File\t\t5. Display\t6. Exit\tEnter your choice -- ");
18 scanf("%d",&ch);
19 switch(ch)
20 {
21 case 1: printf("\nEnter name of directory -- ");
22 scanf("%s", dir[dcnt].dname);
23 dir[dcnt].fcnt=0;
24 dcnt++;
25 printf("Directory created");
26 break;
27 case 2: printf("\nEnter name of the directory -- ");
28 scanf("%s",d);
29 for(i=0;i<dcnt;i++)
30 if(strcmp(d,dir[i].dname)==0)
31 {
32 printf("Enter name of the file -- ");
33 scanf("%s",dir[i].fname[dir[i].fcnt]);
34 printf("File created");
35 break;
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34 printf("File created");
35 break;
36 }
37 if(i==dcnt)
38 printf("Directory %s not found",d);
39 break;
40 case 3: printf("\nEnter name of the directory -- ");
41 scanf("%s",d);
42 for(i=0;i<dcnt;i++)
43 {
44 if(strcmp(d,dir[i].dname)==0)
45 {
46 printf("Enter name of the file -- ");
47 scanf("%s",f);
48 for(k=0;k<dir[i].fcnt;k++)
49 {
50 if(strcmp(f, dir[i].fname[k])==0)
51 {
52 printf("File %s is deleted ",f);
53 dir[i].fcnt--;
54 strcpy(dir[i].fname[k],dir[i].fname[dir[i].fcnt]);
55 goto jmp;
56 }
57 }
58 printf("File %s not found",f);
59 goto jmp;
60 }
61 }
62 printf("Directory %s not found",d);
63 jmp : break;
64 case 4: printf("\nEnter name of the directory -- ");
65 scanf("%s",d);
66 for(i=0;i<dcnt;i++)
67 {
68 if(strcmp(d,dir[i].dname)==0)
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69 {
70     printf("Enter the name of the file -- ");
71     scanf("%s",f);
72     for(k=0;k<dir[i].fcnt;k++)
73     {
74         if(strcmp(f, dir[i].fname[k])==0)
75         {
76             printf("File %s is found ",f);
77             goto jmp1;
78         }
79     }
80     printf("File %s not found",f);
81     goto jmp1;
82 }
83 }
84 printf("Directory %s not found",d);
85 jmp1: break;
86 case 5: if(dcnt==0)
87     printf("\nNo Directory's ");
88 else
89 {
90     printf("\nDirectory\tFiles");
91     for(i=0;i<dcnt;i++)
92     {
93         printf("\n%s\t\t",dir[i].dname);
94         for(k=0;k<dir[i].fcnt;k++)
95             printf("\t%s",dir[i].fname[k]);
96     }
97 }
98 break;
99 default:exit(0);
100 }
101 }
102 }
```

C:\Users\manas\OneDrive\Documents\two level directory.exe

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 -- prolog

Directory prolog not found

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