SINGLE LEVEL DIRECTORY:

#include<string.h>  
#include<stdlib.h>  
#include<stdio.h>  
struct  
{  
char dname[10],fname[10][10];  
int fcnt;  
}dir[10];  
void main()  
{  
int i,ch,dcnt,k;  
char f[30], d[30];  
dcnt=0;  
while(1)  
{  
printf("\n\n1. Create Directory\t2. Create File\t3. Delete File");  
printf("\n4. Search File\t\t5. Display\t6. Exit\tEnter your choice -- ");  
scanf("%d",&ch);  
switch(ch)  
{  
case 1: printf("\nEnter name of directory -- ");  
scanf("%s", dir[dcnt].dname);  
dir[dcnt].fcnt=0;  
dcnt++;  
printf("Directory created");  
break;  
case 2: printf("\nEnter name of the directory -- ");  
scanf("%s",d);  
for(i=0;i<dcnt;i++)  
if(strcmp(d,dir[i].dname)==0)  
{  
printf("Enter name of the file -- ");  
scanf("%s",dir[i].fname[dir[i].fcnt]);  
printf("File created");  
break;  
}  
if(i==dcnt)  
printf("Directory %s not found",d);  
break;  
case 3: printf("\nEnter name of the directory -- ");  
scanf("%s",d);  
for(i=0;i<dcnt;i++)  
{  
if(strcmp(d,dir[i].dname)==0)  
{  
printf("Enter name of the file -- ");  
scanf("%s",f);  
for(k=0;k<dir[i].fcnt;k++)  
{  
if(strcmp(f, dir[i].fname[k])==0)  
{  
printf("File %s is deleted ",f);  
dir[i].fcnt--;  
strcpy(dir[i].fname[k],dir[i].fname[dir[i].fcnt]);  
goto jmp;  
}  
}  
printf("File %s not found",f);  
goto jmp;  
}  
}  
printf("Directory %s not found",d);  
jmp : break;  
case 4: printf("\nEnter name of the directory -- ");  
scanf("%s",d);  
for(i=0;i<dcnt;i++)  
{  
if(strcmp(d,dir[i].dname)==0)  
{  
printf("Enter the name of the file -- ");  
scanf("%s",f);  
for(k=0;k<dir[i].fcnt;k++)  
{  
if(strcmp(f, dir[i].fname[k])==0)  
{  
printf("File %s is found ",f);  
goto jmp1;  
}  
}  
printf("File %s not found",f);  
goto jmp1;  
}  
}  
printf("Directory %s not found",d);  
jmp1: break;  
case 5: if(dcnt==0)  
printf("\nNo Directory's ");  
else  
{  
printf("\nDirectory\tFiles");  
for(i=0;i<dcnt;i++)  
{  
printf("\n%s\t\t",dir[i].dname);  
for(k=0;k<dir[i].fcnt;k++)  
printf("\t%s",dir[i].fname[k]);  
}  
}  
break;  
default:exit(0);  
}  
}  
}

OUT PUT:

1. Create Directory 2. Create File 3. Delete File

4. Search File 5. Display 6. Exit Enter your choice --