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main.c

Run

```c
#include<stdlib.h>
#include<string.h>
#include<stdio.h>
struct
{
char dname[10],fname[10][10];
int fcnt;
}dir;
void main()
{
int i,ch;
char f[30];
dir.fcnt = 0;
printf("\nEnter name of directory -- ");
scanf("%s", dir.dname);
while(1)
{
printf("\n\n1. Create File\t2. Delete File\t3. Search File \n 4. Display
    Files\t5. Exit\nEnter your choice -- ");
scanf("%d",&ch);
switch(ch)
{
case 1: printf("\nEnter the name of the file -- ");
scanf("%s",dir.fname[dir.fcnt]);
dir.fcnt++;
break;
case 2: printf("\nEnter the name of the file -- ");
scanf("%s" f);
```

Output

Clear

```
/tmp/wViYFNk8EF.o
Enter name of directory -- CSE
1. Create File  2. Delete File  3. Search File
 4. Display Files   5. Exit
Enter your choice -- 1
Enter the name of the file -- CSE
1. Create File  2. Delete File  3. Search File
 4. Display Files   5. Exit
Enter your choice -- 4
The Files are --    CSE

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

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Run

```
break;
case 3: printf("\nEnter the name of the file -- ");
scanf("%s",f);
for(i=0;i<dir.fcnt;i++)
{
if(strcmp(f, dir.fname[i])==0)
{
printf("File %s is found ", f);
break;
}
}
if(i==dir.fcnt)
printf("File %s not found",f);
break;
case 4: if(dir.fcnt==0)
printf("\nDirectory Empty");
else
{
printf("\nThe Files are -- ");
for(i=0;i<dir.fcnt;i++)
printf("\t%s",dir.fname[i]);
}
break;
default: exit(0);
}
}
}
```

Output

Clear

```
/tmp/wViYFNk8EF.o
Enter name of directory -- CSE
1. Create File  2. Delete File  3. Search File
 4. Display Files   5. Exit
Enter your choice -- 1
Enter the name of the file -- CSE
1. Create File  2. Delete File  3. Search File
 4. Display Files   5. Exit
Enter your choice -- 4
The Files are --    CSE

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