TDM-GCC 4.9.2 64-bit Release

(globals)

Project   Classes   Debug   scan scheduling.cpp   first fit strategy.cpp   FCFS disk scheduling.cpp   single level directory.cpp

```c
1    #include<stdlib.h>
2    #include<string.h>
3    #include<stdio.h>
4    struct
5    {
6    char dname[10],fname[10][10];
7    int fcnt;
8    }dir;
9    int main()
10   {
11   int i,ch;
12   char f[30];
13   dir.fcnt = 0;
14   printf("\nEnter name of directory -- ");
15   scanf("%s", dir.dname);
16   while(1)
17   {
18   printf("\n\n1. Create File\t2. Delete File\t3. Search File \n 4. Display Files\t5. Exit\nEnter your choice -- ");
19   scanf("%d",&ch);
20   switch(ch)
21   {
22   case 1: printf("\nEnter the name of the file -- ");
23   scanf("%s",dir.fname[dir.fcnt]);
24   dir.fcnt++;
25   break;
26   case 2: printf("\nEnter the name of the file -- ");
27   scanf("%s",f);
28   for(i=0;i<dir.fcnt;i++)
29   {
30   if(strcmp(f, dir.fname[i])==0)
31   {
32   printf("File %s is deleted ",f);
33   strcpy(dir.fname[i],dir.fname[dir.fcnt-1]); break; } }
34   if(i==dir.fcnt) printf("File %s not found",f);
35   else
```

Line: 37   Col: 7   Sel: 0   Lines: 63   Length: 1232   Insert   Done parsing in 0 seconds

ENG   20:20

File   Edit   Search   View   Project   Execute   Tools   AStyle   Window   Help

(globals)

Project   Classes   Debug   scan scheduling.cpp   first fit strategy.cpp   FCFS disk scheduling.cpp   single level directory.cpp

```cpp
30    if(strcmp(f, dir.fname[i])==0)
31    {
32    printf("File %s is deleted ",f);
33    strcpy(dir.fname[i],dir.fname[dir.fcnt-1]); break; } }
34    if(i==dir.fcnt) printf("File %s not found",f);
35    else
36    dir.fcnt--;
37    break;
38    case 3: printf("\nEnter the name of the file -- ");
39    scanf("%s",f);
40    for(i=0;i<dir.fcnt;i++)
41    {
42    if(strcmp(f, dir.fname[i])==0)
43    {
44    printf("File %s is found ", f);
45    break;
46    }
47    }
48    if(i==dir.fcnt)
49    printf("File %s not found",f);
50    break;
51    case 4: if(dir.fcnt==0)
52    printf("\nDirectory Empty");
53    else
54    {
55    printf("\nThe Files are -- ");
56    for(i=0;i<dir.fcnt;i++)
57    printf("\t%s",dir.fname[i]);
58    }
59    break;
60    default: exit(0);
61    }
62    }
63    }
```

Line: 37   Col: 7   Sel: 0   Lines: 63   Length: 1232   Insert   Done parsing in 0 seconds

ENG
IN

20:20
22-09-2022

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

Enter the name of the file -- laptop


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

Enter the name of the file -- laptop
File laptop is found

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

Enter the name of the file -- laptop
File laptop is deleted

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

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Process exited after 32.49 seconds with return value 0
Press any key to continue . . . _
```