



The image shows a screenshot of a TDM-GCC 4.9.2 64-bit Release IDE. The main window displays a C program in a file named 'Untitled1.cpp'. The code is as follows:

```
2  #include<string.h>
3  #include<stdlib.h>
4
5  struct
6  {
7      char dname[10],fname[10][10];
8      int fcnt;
9  } dir;
10
11 int main()
12 {
13     int i,ch;
14     char f[30];
15     // clrscr();
16     dir.fcnt = 0;
17     printf("\nEnter name of directory -- ");
18     scanf("%s", dir.dname);
19
20     while(1)
21     {
22         printf("\n\n1. Create File\t2. Delete File\t3. Search File \n4. Display Files\t5. Exit\nEnter your choice -- ");
23         scanf("%d",&ch);
24
25         switch(ch)
26         {
27             case 1: printf("\nEnter the name of the file -- ");
```

The IDE interface includes a menu bar (File, Edit, Search, View, Project, Execute, Tools, AStyle, Window, Help), a toolbar, and a status bar at the bottom with icons for Compiler, Resources, Compile Log, Debug, and Find Results.

```
(globals)
Project Classes Debug Untitled1.cpp
22 printf("\n\n1. Create File\t2. Delete File\t3. Search File \tn4. Display Files\t5. Exit\nEnter your choice -- ")
23
24 scanf("%d",&ch);
25
26 switch(ch)
27 {
28     case 1: printf("\nEnter the name of the file -- ");
29             scanf("%s",dir.fname[dir.fcnt]);
30             dir.fcnt++;
31             break;
32
33     case 2: printf("\nEnter the name of the file -- ");
34             scanf("%s",f);
35             for(i=0;i<dir.fcnt;i++)
36             {
37                 if(strcmp(f, dir.fname[i])==0)
38                 {
39                     printf("File %s is deleted ",f);
40                     strcpy(dir.fname[i],dir.fname[dir.fcnt-1]);
41                     break;
42                 }
43             }
44
45             if(i==dir.fcnt)
46                 printf("File %s not found",f);
47             else
48                 dir.fcnt--;
```

Project Classes Debug Untitled1.cpp

TDM-GCC 4.9.2 64-bit Release

```

54 {
55     if(strcmp(f, dir.fname[i])==0)
56     {
57         printf("File %s is found ", f);
58         break;
59     }
60 }
61 if(i==dir.fcnt)
62     printf("File %s not found",f);
63     break;
64
65 case 4: if(dir.fcnt==0)
66     printf("\nDirectory Empty");
67     else
68     {
69         printf("\nThe Files are -- ");
70         for(i=0;i<dir.fcnt;i++)
71             printf("\t%s",dir.fname[i]);
72     }
73     break;
74
75 default: exit(0);
76 }
77 }
78 //getch();
79 }

```

```
C:\Users\sruthi\OneDrive\Documents\Untitled1.exe
Project Enter name of directory -- A

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

Enter the name of the file -- B

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

Enter the name of the file -- C

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

Enter the name of the file -- ABC

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

Enter the name of the file -- D
73 break;
74
75 default: exit(0);
76 }
77 }
78 //getch();
79 }
```

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

Enter the name of the file -- C

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

Enter the name of the file -- ABC

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

Enter the name of the file -- D
File D not found

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

-----
Process exited after 38.46 seconds with return value 0
Press any key to continue . . .
```

```
73         break;
74
75         default: exit(0);
76     }
77 }
78 //getch();
79 }
```