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C:\Users\Hello\OneDrive\Desktop\os\8.1 os single level directory.cpp - [Executing] - Embarcadero Dev-C++ 6.3
File Edit Search View Project Execute Tools AStyle Window Help
TDM-GCC 9.2.0 64-bit Release
(globals)
Classes De < > 5. os creating threads.cpp 6.1 os first fit.cpp uninuj.cpp 6.2 os best fit.cpp 7.3 os worst fit.cpp 4. os sjf(shortest job first).cpp 8.1 os single level directory.cpp
main()
1 #include <stdio.h>
2 #include <conio.h>
3 #include <string.h>
4 int main()
5 {
6     int nf=0,i=0,j=0,ch;
7     char mdname[10],fname[10][10],name[10];
8     printf("Enter the directory name:");
9     scanf("%s",mdname);
10    printf("Enter the number of files:");
11    scanf("%d",&nf);
12    do
13    {
14        printf("Enter file name to be created:");
15        scanf("%s",name);
16        for(i=0;i<nf;i++)
17        {
18            if(strcmp(name,fname[i]))
19                break;
20        }
21        if(i==nf)
22        {
23            strcpy(fname[j++],name);
24            nf++;
25        }
26        else
27            printf("There is already %s\n",name);
28        printf("Do you want to enter another file(yes - 1 or no - 0):");
29        scanf("%d",&ch);
30    }
31    while(ch==1);
32    printf("Directory name is:%s\n",mdname);
33    printf("Files names are:");
34    for(i=0;i<j;i++)
35        printf("\n%s",fname[i]);
36    getch();
37 }
```

```
C:\Users\Hello\OneDrive\Des
Enter the directory name:book
Enter the number of files:3
Enter file name to be created:
book
Do you want to enter another file(yes - 1 or no - 0):0

Directory name is:book
Files names are:
book
```

Compiler Resources Compile Log Debug Find Results Console
Line: 36 Col: 9 Sel: 0 Lines: 38 Length: 707 Insert Done parsing in 0.031 seconds
26° Search ENG IN 09:11 AM 28-11-2023

```
C:\Users\Hello\OneDrive\Desktop\os\8.2 os two level directory.cpp - [Executing] - Embarcadero Dev-C++ 6.3
File Edit Search View Project Execute Tools AStyle Window Help
TDM-GCC 9.2.0 64-bit Release
(globals)
Classes De < > 8.2 os two level directory.cpp
dir
st
main()
10 int main()
11 {
12     int i,j,k,n;
13     printf("enter number of directories:");
14     scanf("%d",&n);
15     for(i=0;i<n;i++)
16     {
17         printf("enter directory %d names:",i+1);
18         scanf("%s",dir[i].dname);
19         printf("enter size of directories:");
20         scanf("%d",&dir[i].ds);
21         for(j=0;j<dir[i].ds;j++)
22         {
23             printf("enter subdirectory name and size:");
24             scanf("%s",dir[i].sds[j]);
25             scanf("%d",&dir[i].sds[j]);
26             for(k=0;k<dir[i].sds[j];k++)
27             {
28                 printf("enter file name:");
29                 scanf("%s",dir[i].fname[j][k]);
30             }
31         }
32         printf("\ndirname\t\tsize\tsubdirname\tsize\tfiles");
33         printf("\n*****\n");
34         for(i=0;i<n;i++)
35         {
36             printf("%s\t\t%d",dir[i].dname,dir[i].ds);
37             for(j=0;j<dir[i].ds;j++)
38             {
39                 printf("\t\t%s\t\t\t",dir[i].sds[j]);
40                 for(k=0;k<dir[i].sds[j];k++)
41                     printf("%s\t\t",dir[i].fname[j][k]);
42                 printf("\n\t\t");
43             }
44             printf("\n");
45         }
46         getch();
47     }
48 }
```

```
C:\Users\Hello\OneDrive\Des
enter number of directories:2
enter directory 1 names:sai
enter size of directories:100
enter subdirectory name and size:sai 10
enter file name:sai
enter file name:sai1
enter file name:
```

Compiler Resources Compile Log Debug Find Results Console
Line: 48 Col: 2 Sel: 0 Lines: 48 Length: 1028 Insert Done parsing in 0.015 seconds
26° Search ENG IN 09:14 AM 28-11-2023