

## 11. Construct a C program to organize the file using single level directory.

```
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\kalya\OneDrive\Desktop\7.ipc sm.exe
Enter the directory name:operating
Enter the number of files:4
Enter file name to be created:ganeesh
Do you want to enter another file(yes - 1 or no - 0):0
Directory name is:operating
Files names are:
ganeesh
```