

## Experiment 14

```
1 #include <stdio.h>
2 #include <string.h>
3
4 int main() {
5     char files[10][20];
6     int n, i;
7     char fname[20];
8
9     printf("Enter number of files: ");
10    scanf("%d", &n);
11
12    for (i = 0; i < n; i++) {
13        printf("Enter file name %d: ", i+1);
14        scanf("%s", files[i]);
15    }
16
17    printf("\nFiles in directory:\n");
18    for (i = 0; i < n; i++)
19        printf("%s\n", files[i]);
20
21    printf("\nEnter file to search: ");
22    scanf("%s", fname);
23
24    for (i = 0; i < n; i++) {
25        if (strcmp(fname, files[i]) == 0) {
26            printf("File found\n");
27            return 0;
28        }
29    }
30    printf("File not found\n");
31
32 }
33
```

```
Enter number of files: 2
Enter file name 1: a.txt
Enter file name 2: b.txt

Files in directory:
a.txt
b.txt

Enter file to search: 2
File not found

-----
Process exited after 29.87 seconds with return value 0
Press any key to continue . . .
```