

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     return 0;
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
```

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