--**Server Side**--

```
Server Is Lisening At Port >>> 6666
Peer at 127.0.0.1 is Connected!
Waiting For Peer 127.0.0.1's Request.
Peer at 127.0.0.1 is Connected!
Waiting For Peer 127.0.0.1's Request.
Peer at 127.0.0.1 is Connected!
Waiting For Peer 127.0.0.1's Request.
Peer at 127.0.0.1 Requested to registered a file.
Peer at 127.0.0.1 Requested to registered a file.
Peer at 127.0.0.1 Requested to registered a file.
Peer at 127.0.0.1 Requested to search file >>> 0.txt
Peer at 127.0.0.1 Request to obtain file >>> 0.txt
Peer at 127.0.0.1 Request to DisPlayAllFiles.
Peer at 127.0.0.1 Requested to registered a file.
Peer at 127.0.0.1 Requested to registered a file.
Peer at 127.0.0.1 Requested to registered a file.
Peer at 127.0.0.1 Requested to registered a file.
Peer at 127.0.0.1 Requested to registered a file.
Peer at 127.0.0.1 Requested to registered a file.
Peer at 127.0.0.1 Requested to registered a file.
Peer at 127.0.0.1 Requested to registered a file.
Peer at 127.0.0.1 Requested to registered a file.
Peer at 127.0.0.1 Request to DisPlayAllFiles.
Peer at 127.0.0.1 Requested to search file >>> 5.txt
Peer at 127.0.0.1 Request to obtain file >>> 0.txt
Peer at 127.0.0.1 Requested to registered a file.
Peer at 127.0.0.1 Requested to registered a file.
Peer at 127.0.0.1 Requested to registered a file.
Peer at 127.0.0.1 Request to DisPlayAllFiles.
Peer at 127.0.0.1 Requested to registered a file.
Peer at 127.0.0.1 Requested to registered a file.
Peer at 127.0.0.1 Requested to search file >>> 15.txt
Peer at 127.0.0.1 Request to obtain file >>> 15.txt
Peer at 127.0.0.1 Requested to registered a file.
Peer at 127.0.0.1 Requested to registered a file.
Peer at 127.0.0.1 Requested to registered a file.
Peer at 127.0.0.1 Requested to registered a file.
Peer at 127.0.0.1 Requested to registered a file.
Peer at 127.0.0.1 Requested to search file >>> 2.txt
Peer at 127.0.0.1 Request to DisPlayAllFiles.
Peer at 127.0.0.1 Request to DisPlayAllFiles.
Peer at 127.0.0.1 Requested to search file >>> 4.txt
Peer at 127.0.0.1 Request to DisPlayAllFiles.
```

--**Client Side**--

Peer 1:

```
uploder is listening at 59982
****MENU****
1. Share File
2. Search for a File
3. Download a File
4. List All Files
5. Exit
****End*****

Please pick an option, enter the number, then press enter
1
Enter the filename(in current path) or fullpath to be Register:
f/1.txt
Registering Successful, currently 1 peers has registered this file before (not
all of them are online and valid)
****MENU****
1. Share File
2. Search for a File
3. Download a File
4. List All Files
5. Exit
****End*****

Please pick an option, enter the number, then press enter
4

File MD5 :d3db915b90661c10c8205fcd8900e31e
-----Begin-----
1.txt shared by 127.0.0.1:59982 size is 18522
-----End-----


File MD5 :eb39ce2c168ea0cc7f3222cccd1bcc05
-----Begin-----
8.txt shared by 127.0.0.1:59965 size is 15181
-----End-----


File MD5 :77437e586d66d68d10f2d3eeee3bf4d8
-----Begin-----
9.txt shared by 127.0.0.1:59965 size is 21254
-----End-----


File MD5 :3c5675591cf969fd3779b8c7438bbb38
-----Begin-----
13.txt shared by 127.0.0.1:59975 size is 20373
```

```
-----End-----


File MD5 :5d560c642dffeb54d1b7abb34baf8b91
-----Begin-----
4.txt shared by 127.0.0.1:59965 size is 2160
-----End-----


File MD5 :800e1f980a3067b7dc130c150a0d36f9
-----Begin-----
5.txt shared by 127.0.0.1:59965 size is 25131
-----End-----


File MD5 :38264e408d32099741c47a371327b7e8
-----Begin-----
11.txt shared by 127.0.0.1:59975 size is 5162
-----End-----


File MD5 :052d9051507a13fe80269547c9efff61
-----Begin-----
3.txt shared by 127.0.0.1:59965 size is 15991
-----End-----


File MD5 :52ee7131c843568621b2957365428bfe
-----Begin-----
12.txt shared by 127.0.0.1:59975 size is 20959
-----End-----


File MD5 :68587c367a4cb43c1aae3fdcd66e215a
-----Begin-----
7.txt shared by 127.0.0.1:59965 size is 10005
-----End-----


File MD5 :7bf4aa6404de43997425236968c0e5be
-----Begin-----
0.txt shared by 127.0.0.1:59965 size is 20474
0.txt shared by 127.0.0.1:59975 size is 20474
-----End-----


File MD5 :037f3281a50f837dc0d745c57befcdec
-----Begin-----
10.txt shared by 127.0.0.1:59965 size is 2531
-----End-----


File MD5 :b8dcac0047761c66fb15489eaecd4496
-----Begin-----
6.txt shared by 127.0.0.1:59965 size is 7433
```

-----End-----

File MD5 :c98960e579725f0683dfd9d678ce5866
-----Begin-----
2.txt shared by 127.0.0.1:59965 size is 3667
-----End-----

****MENU****
1. Share File
2. Search for a File
3. Download a File
4. List All Files
5. Exit
****End*****

Please pick an option, enter the number, then press enter
2
Enter the filename to be searched:
15.txt
Found! Currently 1 Peers are shareing this file.
File Name: 15.txt File size: 10925

****MENU****
1. Share File
2. Search for a File
3. Download a File
4. List All Files
5. Exit
****End*****

Please pick an option, enter the number, then press enter
3
Enter the fileName to be downloaded
15.txt
Found! Currently 1 Peers are holding this file

file founded, now downloading...
File 15.txt download Comlete!
****MENU****
1. Share File
2. Search for a File
3. Download a File
4. List All Files
5. Exit
****End*****

Please pick an option, enter the number, then press enter
1
Enter the filename(in current path) or fullpath to be Register:
f/19.txt
Registering Successful, currently 1 peers has registered this file before (not
all of them are online and valid)
****MENU****

1. Share File
2. Search for a File
3. Download a File
4. List All Files
5. Exit
****End*****

Please pick an option, enter the number, then press enter
1
Enter the filename(in current path) or fullpath to be Register:
f/0.txt
Registering Successful, currently 3 peers has registered this file before (not all of them are online and valid)
****MENU****
1. Share File
2. Search for a File
3. Download a File
4. List All Files
5. Exit
****End*****

Please pick an option, enter the number, then press enter
1
Enter the filename(in current path) or fullpath to be Register:
f/2.txt
Registering Successful, currently 2 peers has registered this file before (not all of them are online and valid)
****MENU****
1. Share File
2. Search for a File
3. Download a File
4. List All Files
5. Exit
****End*****

Please pick an option, enter the number, then press enter
f/3.txt
Invalid Input, please only enter numbers
****MENU****
1. Share File
2. Search for a File
3. Download a File
4. List All Files
5. Exit
****End*****

Please pick an option, enter the number, then press enter
1
Enter the filename(in current path) or fullpath to be Register:
f/3.txt
Registering Successful, currently 2 peers has registered this file before (not all of them are online and valid)
****MENU****
1. Share File
2. Search for a File

3. Download a File
4. List All Files
5. Exit
****End*****

Please pick an option, enter the number, then press enter
1
Enter the filename(in current path) or fullpath to be Register:
f/5.txt
Registering Successful, currently 2 peers has registered this file before (not
all of them are online and valid)
****MENU****
1. Share File
2. Search for a File
3. Download a File
4. List All Files
5. Exit
****End*****

Please pick an option, enter the number, then press enter
2
Enter the filename to be searched:
2.txt
Found! Currently 2 Peers are shareing this file.
File Name: 2.txt File size: 3667
File Name: 2.txt File size: 3667

****MENU****
1. Share File
2. Search for a File
3. Download a File
4. List All Files
5. Exit
****End*****

Please pick an option, enter the number, then press enter
4

File MD5 :d3db915b90661c10c8205fcd8900e31e
-----Begin-----
1.txt shared by 127.0.0.1:59982 size is 18522
-----End-----

File MD5 :eb39ce2c168ea0cc7f3222cccd1bcc05
-----Begin-----
8.txt shared by 127.0.0.1:59965 size is 15181
-----End-----

File MD5 :70b71e052a2b1d9bcfe85df1dabdf609
-----Begin-----
15.txt shared by 127.0.0.1:59975 size is 10925
-----End-----

```
File MD5 :77437e586d66d68d10f2d3eeee3bf4d8
-----Begin-----
9.txt shared by 127.0.0.1:59965 size is 21254
-----End-----


File MD5 :3c5675591cf969fd3779b8c7438bbb38
-----Begin-----
13.txt shared by 127.0.0.1:59975 size is 20373
-----End-----


File MD5 :5ea95c6c032803716d61e9a9a458e3ec
-----Begin-----
19.txt shared by 127.0.0.1:59982 size is 24926
-----End-----


File MD5 :5d560c642dffeb54d1b7abb34baf8b91
-----Begin-----
4.txt shared by 127.0.0.1:59965 size is 2160
-----End-----


File MD5 :800e1f980a3067b7dc130c150a0d36f9
-----Begin-----
5.txt shared by 127.0.0.1:59965 size is 25131
5.txt shared by 127.0.0.1:59982 size is 25131
-----End-----


File MD5 :38264e408d32099741c47a371327b7e8
-----Begin-----
11.txt shared by 127.0.0.1:59975 size is 5162
-----End-----


File MD5 :052d9051507a13fe80269547c9efff61
-----Begin-----
3.txt shared by 127.0.0.1:59965 size is 15991
3.txt shared by 127.0.0.1:59982 size is 15991
-----End-----


File MD5 :52ee7131c843568621b2957365428bfe
-----Begin-----
12.txt shared by 127.0.0.1:59975 size is 20959
-----End-----


File MD5 :68587c367a4cb43c1aae3fdcd66e215a
-----Begin-----
7.txt shared by 127.0.0.1:59965 size is 10005
-----End-----
```

File MD5 :7bf4aa6404de43997425236968c0e5be
-----Begin-----
0.txt shared by 127.0.0.1:59965 size is 20474
0.txt shared by 127.0.0.1:59975 size is 20474
0.txt shared by 127.0.0.1:59982 size is 20474
-----End-----

File MD5 :037f3281a50f837dc0d745c57befcdec
-----Begin-----
10.txt shared by 127.0.0.1:59965 size is 2531
-----End-----

File MD5 :b8dcac0047761c66fb15489eaecd4496
-----Begin-----
6.txt shared by 127.0.0.1:59965 size is 7433
-----End-----

File MD5 :c98960e579725f0683dfd9d678ce5866
-----Begin-----
2.txt shared by 127.0.0.1:59965 size is 3667
2.txt shared by 127.0.0.1:59982 size is 3667
-----End-----

File MD5 :1f9cfeb00f43b7f4263ef992ba1fe99f
-----Begin-----
14.txt shared by 127.0.0.1:59975 size is 13622
-----End-----

****MENU****
1. Share File
2. Search for a File
3. Download a File
4. List All Files
5. Exit
****End*****

Please pick an option, enter the number, then press enter
2
Enter the filename to be searched:
4.txt
Found! Currently 1 Peers are shareing this file.
File Name: 4.txt File size: 2160

****MENU****
1. Share File
2. Search for a File
3. Download a File
4. List All Files

```
5. Exit
****End*****

Please pick an option, enter the number, then press enter
4

File MD5 :d3db915b90661c10c8205fcd8900e31e
-----Begin-----
1.txt shared by 127.0.0.1:59982 size is 18522
-----End-----


File MD5 :eb39ce2c168ea0cc7f3222cccd1bcc05
-----Begin-----
8.txt shared by 127.0.0.1:59965 size is 15181
-----End-----


File MD5 :70b71e052a2b1d9bcfe85df1dabdf609
-----Begin-----
15.txt shared by 127.0.0.1:59975 size is 10925
-----End-----


File MD5 :77437e586d66d68d10f2d3eeee3bf4d8
-----Begin-----
9.txt shared by 127.0.0.1:59965 size is 21254
-----End-----


File MD5 :3c5675591cf969fd3779b8c7438bbb38
-----Begin-----
13.txt shared by 127.0.0.1:59975 size is 20373
-----End-----


File MD5 :5ea95c6c032803716d61e9a9a458e3ec
-----Begin-----
19.txt shared by 127.0.0.1:59982 size is 24926
-----End-----


File MD5 :5d560c642dffeb54d1b7abb34baf8b91
-----Begin-----
4.txt shared by 127.0.0.1:59965 size is 2160
-----End-----


File MD5 :800e1f980a3067b7dc130c150a0d36f9
-----Begin-----
5.txt shared by 127.0.0.1:59965 size is 25131
5.txt shared by 127.0.0.1:59982 size is 25131
-----End-----
```

```
File MD5 :38264e408d32099741c47a371327b7e8
-----Begin-----
11.txt shared by 127.0.0.1:59975 size is 5162
-----End-----


File MD5 :052d9051507a13fe80269547c9efff61
-----Begin-----
3.txt shared by 127.0.0.1:59965 size is 15991
3.txt shared by 127.0.0.1:59982 size is 15991
-----End-----


File MD5 :52ee7131c843568621b2957365428bfe
-----Begin-----
12.txt shared by 127.0.0.1:59975 size is 20959
-----End-----


File MD5 :68587c367a4cb43c1aae3fdcd66e215a
-----Begin-----
7.txt shared by 127.0.0.1:59965 size is 10005
-----End-----


File MD5 :7bf4aa6404de43997425236968c0e5be
-----Begin-----
0.txt shared by 127.0.0.1:59965 size is 20474
0.txt shared by 127.0.0.1:59975 size is 20474
0.txt shared by 127.0.0.1:59982 size is 20474
-----End-----


File MD5 :037f3281a50f837dc0d745c57befcdec
-----Begin-----
10.txt shared by 127.0.0.1:59965 size is 2531
-----End-----


File MD5 :b8dcac0047761c66fb15489eaecd4496
-----Begin-----
6.txt shared by 127.0.0.1:59965 size is 7433
-----End-----


File MD5 :c98960e579725f0683dfd9d678ce5866
-----Begin-----
2.txt shared by 127.0.0.1:59965 size is 3667
2.txt shared by 127.0.0.1:59982 size is 3667
-----End-----


File MD5 :1f9cfeb00f43b7f4263ef992ba1fe99f
-----Begin-----
14.txt shared by 127.0.0.1:59975 size is 13622
```

```
-----End-----


****MENU****
1. Share File
2. Search for a File
3. Download a File
4. List All Files
5. Exit
****End*****

Please pick an option, enter the number, then press enter
```

Peer2:

```
uploder is listening at 59975
****MENU****
1. Share File
2. Search for a File
3. Download a File
4. List All Files
5. Exit
****End*****

Please pick an option, enter the number, then press enter
1
Enter the filename(in current path) or fullpath to be Register:
f/0.txt
Registering Successful, currently 2 peers has registered this file before (not
all of them are online and valid)
****MENU****
1. Share File
2. Search for a File
3. Download a File
4. List All Files
5. Exit
****End*****

Please pick an option, enter the number, then press enter
2
Enter the filename to be searched:
5.txt
Found! Currently 1 Peers are shareing this file.
File Name: 5.txt File size: 25131

****MENU****
1. Share File
2. Search for a File
3. Download a File
```

4. List All Files
5. Exit
****End*****

Please pick an option, enter the number, then press enter
3
Enter the fileName to be downloaded
0.txt
Found! Currently 2 Peers are holding this file

file founded, now downloading...
File 0.txt download Comlete!
****MENU****
1. Share File
2. Search for a File
3. Download a File
4. List All Files
5. Exit
****End*****

Please pick an option, enter the number, then press enter
1
Enter the filename(in current path) or fullpath to be Register:
f/11.txt
Registering Successful, currently 1 peers has registered this file before (not all of them are online and valid)
****MENU****
1. Share File
2. Search for a File
3. Download a File
4. List All Files
5. Exit
****End*****

Please pick an option, enter the number, then press enter
1
Enter the filename(in current path) or fullpath to be Register:
f/12.txt
Registering Successful, currently 1 peers has registered this file before (not all of them are online and valid)
****MENU****
1. Share File
2. Search for a File
3. Download a File
4. List All Files
5. Exit
****End*****

Please pick an option, enter the number, then press enter
1
Enter the filename(in current path) or fullpath to be Register:
f/13.txt
Registering Successful, currently 1 peers has registered this file before (not all of them are online and valid)
****MENU****

1. Share File
2. Search for a File
3. Download a File
4. List All Files
5. Exit
****End*****

Please pick an option, enter the number, then press enter
f/14.txt
Invalid Input, please only enter numbers
****MENU****
1. Share File
2. Search for a File
3. Download a File
4. List All Files
5. Exit
****End*****

Please pick an option, enter the number, then press enter
f/15.txt
Invalid Input, please only enter numbers
****MENU****
1. Share File
2. Search for a File
3. Download a File
4. List All Files
5. Exit
****End*****

Please pick an option, enter the number, then press enter
1
Enter the filename(in current path) or fullpath to be Register:
f/14.txt
Registering Successful, currently 1 peers has registered this file before (not
all of them are online and valid)
****MENU****
1. Share File
2. Search for a File
3. Download a File
4. List All Files
5. Exit
****End*****

Please pick an option, enter the number, then press enter
1
Enter the filename(in current path) or fullpath to be Register:
f/15.txt
Registering Successful, currently 1 peers has registered this file before (not
all of them are online and valid)
****MENU****
1. Share File
2. Search for a File
3. Download a File
4. List All Files
5. Exit

****End*****

Please pick an option, enter the number, then press enter
4

File MD5 :d3db915b90661c10c8205fcd8900e31e
-----Begin-----
1.txt shared by 127.0.0.1:59982 size is 18522
-----End-----

File MD5 :eb39ce2c168ea0cc7f3222cccd1bcc05
-----Begin-----
8.txt shared by 127.0.0.1:59965 size is 15181
-----End-----

File MD5 :70b71e052a2b1d9bcfe85df1dabdf609
-----Begin-----
15.txt shared by 127.0.0.1:59975 size is 10925
-----End-----

File MD5 :77437e586d66d68d10f2d3eeee3bf4d8
-----Begin-----
9.txt shared by 127.0.0.1:59965 size is 21254
-----End-----

File MD5 :3c5675591cf969fd3779b8c7438bbb38
-----Begin-----
13.txt shared by 127.0.0.1:59975 size is 20373
-----End-----

File MD5 :5ea95c6c032803716d61e9a9a458e3ec
-----Begin-----
19.txt shared by 127.0.0.1:59982 size is 24926
-----End-----

File MD5 :5d560c642dffeb54d1b7abb34baf8b91
-----Begin-----
4.txt shared by 127.0.0.1:59965 size is 2160
-----End-----

File MD5 :800e1f980a3067b7dc130c150a0d36f9
-----Begin-----
5.txt shared by 127.0.0.1:59965 size is 25131
5.txt shared by 127.0.0.1:59982 size is 25131
-----End-----

File MD5 :38264e408d32099741c47a371327b7e8

```
-----Begin-----
11.txt shared by 127.0.0.1:59975 size is 5162
-----End-----


File MD5 :052d9051507a13fe80269547c9efff61
-----Begin-----
3.txt shared by 127.0.0.1:59965 size is 15991
3.txt shared by 127.0.0.1:59982 size is 15991
-----End-----


File MD5 :52ee7131c843568621b2957365428bfe
-----Begin-----
12.txt shared by 127.0.0.1:59975 size is 20959
-----End-----


File MD5 :68587c367a4cb43c1aae3fdcd66e215a
-----Begin-----
7.txt shared by 127.0.0.1:59965 size is 10005
-----End-----


File MD5 :7bf4aa6404de43997425236968c0e5be
-----Begin-----
0.txt shared by 127.0.0.1:59965 size is 20474
0.txt shared by 127.0.0.1:59975 size is 20474
0.txt shared by 127.0.0.1:59982 size is 20474
-----End-----


File MD5 :037f3281a50f837dc0d745c57befcdec
-----Begin-----
10.txt shared by 127.0.0.1:59965 size is 2531
-----End-----


File MD5 :b8dcac0047761c66fb15489eaecd4496
-----Begin-----
6.txt shared by 127.0.0.1:59965 size is 7433
-----End-----


File MD5 :c98960e579725f0683dfd9d678ce5866
-----Begin-----
2.txt shared by 127.0.0.1:59965 size is 3667
2.txt shared by 127.0.0.1:59982 size is 3667
-----End-----


File MD5 :1f9cfeb00f43b7f4263ef992ba1fe99f
-----Begin-----
14.txt shared by 127.0.0.1:59975 size is 13622
-----End-----
```

****MENU****
1. Share File
2. Search for a File
3. Download a File
4. List All Files
5. Exit
****End*****

Please pick an option, enter the number, then press enter

Peer3:

uploder is listening at 59965
****MENU****
1. Share File
2. Search for a File
3. Download a File
4. List All Files
5. Exit
****End*****

Please pick an option, enter the number, then press enter
1
Enter the filename(in current path) or fullpath to be Register:
f/0.txt
Registering Successful, currently 1 peers has registered this file before (not
all of them are online and valid)
****MENU****
1. Share File
2. Search for a File
3. Download a File
4. List All Files
5. Exit
****End*****

Please pick an option, enter the number, then press enter
2
Enter the filename to be searched:
0.txt
Found! Currently 2 Peers are shareing this file.
File Name: 0.txt File size: 20474
File Name: 0.txt File size: 20474

****MENU****
1. Share File
2. Search for a File
3. Download a File
4. List All Files

```
5. Exit
****End*****

Please pick an option, enter the number, then press enter
3
Enter the fileName to be downloaded
0.txt
Found! Currently 2 Peers are holding this file

file founded, now downloading...
File 0.txt download Comlete!
****MENU****
1. Share File
2. Search for a File
3. Download a File
4. List All Files
5. Exit
****End*****

Please pick an option, enter the number, then press enter
4

File MD5 :d3db915b90661c10c8205fcd8900e31e
-----Begin-----
1.txt shared by 127.0.0.1:59982 size is 18522
-----End-----


File MD5 :7bf4aa6404de43997425236968c0e5be
-----Begin-----
0.txt shared by 127.0.0.1:59965 size is 20474
0.txt shared by 127.0.0.1:59975 size is 20474
-----End-----


****MENU****
1. Share File
2. Search for a File
3. Download a File
4. List All Files
5. Exit
****End*****

Please pick an option, enter the number, then press enter
1
Enter the filename(in current path) or fullpath to be Register:
f/2.txt
Registering Successful, currently 1 peers has registered this file before (not
all of them are online and valid)
****MENU****
1. Share File
2. Search for a File
3. Download a File
4. List All Files
5. Exit
```

****End*****

Please pick an option, enter the number, then press enter
1
Enter the filename(in current path) or fullpath to be Register:
f/3.txt
Registering Successful, currently 1 peers has registered this file before (not all of them are online and valid)
****MENU****
1. Share File
2. Search for a File
3. Download a File
4. List All Files
5. Exit
****End*****

Please pick an option, enter the number, then press enter
1
Enter the filename(in current path) or fullpath to be Register:
f/4.txt
Registering Successful, currently 1 peers has registered this file before (not all of them are online and valid)
****MENU****
1. Share File
2. Search for a File
3. Download a File
4. List All Files
5. Exit
****End*****

Please pick an option, enter the number, then press enter
1
Enter the filename(in current path) or fullpath to be Register:
f/5.txt
Registering Successful, currently 1 peers has registered this file before (not all of them are online and valid)
****MENU****
1. Share File
2. Search for a File
3. Download a File
4. List All Files
5. Exit
****End*****

Please pick an option, enter the number, then press enter
1
Enter the filename(in current path) or fullpath to be Register:
f/6.txt
Registering Successful, currently 1 peers has registered this file before (not all of them are online and valid)
****MENU****
1. Share File
2. Search for a File
3. Download a File
4. List All Files

5. Exit
****End*****

Please pick an option, enter the number, then press enter
1
Enter the filename(in current path) or fullpath to be Register:
f/7.txt
Registering Successful, currently 1 peers has registered this file before (not
all of them are online and valid)
****MENU****
1. Share File
2. Search for a File
3. Download a File
4. List All Files
5. Exit
****End*****

Please pick an option, enter the number, then press enter
1
Enter the filename(in current path) or fullpath to be Register:
f/8.txt
Registering Successful, currently 1 peers has registered this file before (not
all of them are online and valid)
****MENU****
1. Share File
2. Search for a File
3. Download a File
4. List All Files
5. Exit
****End*****

Please pick an option, enter the number, then press enter
1
Enter the filename(in current path) or fullpath to be Register:
f/9.txt
Registering Successful, currently 1 peers has registered this file before (not
all of them are online and valid)
****MENU****
1. Share File
2. Search for a File
3. Download a File
4. List All Files
5. Exit
****End*****

Please pick an option, enter the number, then press enter
1
Enter the filename(in current path) or fullpath to be Register:
f/10.txt
Registering Successful, currently 1 peers has registered this file before (not
all of them are online and valid)
****MENU****
1. Share File
2. Search for a File
3. Download a File

4. List All Files
5. Exit
****End*****

Please pick an option, enter the number, then press enter
4

File MD5 :d3db915b90661c10c8205fcd8900e31e
-----Begin-----
1.txt shared by 127.0.0.1:59982 size is 18522
-----End-----

File MD5 :5d560c642dffeb54d1b7abb34baf8b91
-----Begin-----
4.txt shared by 127.0.0.1:59965 size is 2160
-----End-----

File MD5 :eb39ce2c168ea0cc7f3222cccd1bcc05
-----Begin-----
8.txt shared by 127.0.0.1:59965 size is 15181
-----End-----

File MD5 :77437e586d66d68d10f2d3eeee3bf4d8
-----Begin-----
9.txt shared by 127.0.0.1:59965 size is 21254
-----End-----

File MD5 :800e1f980a3067b7dc130c150a0d36f9
-----Begin-----
5.txt shared by 127.0.0.1:59965 size is 25131
-----End-----

File MD5 :052d9051507a13fe80269547c9efff61
-----Begin-----
3.txt shared by 127.0.0.1:59965 size is 15991
-----End-----

File MD5 :68587c367a4cb43c1aae3fdcd66e215a
-----Begin-----
7.txt shared by 127.0.0.1:59965 size is 10005
-----End-----

File MD5 :7bf4aa6404de43997425236968c0e5be
-----Begin-----
0.txt shared by 127.0.0.1:59965 size is 20474
0.txt shared by 127.0.0.1:59975 size is 20474
-----End-----

```
File MD5 :037f3281a50f837dc0d745c57befcdec
-----Begin-----
10.txt shared by 127.0.0.1:59965 size is 2531
-----End-----


File MD5 :b8dcac0047761c66fb15489eaecd4496
-----Begin-----
6.txt shared by 127.0.0.1:59965 size is 7433
-----End-----


File MD5 :c98960e579725f0683dfd9d678ce5866
-----Begin-----
2.txt shared by 127.0.0.1:59965 size is 3667
-----End-----


****MENU****
1. Share File
2. Search for a File
3. Download a File
4. List All Files
5. Exit
****End*****

Please pick an option, enter the number, then press enter
```