

```

/*Server */

[java] Connected--->Peer- /192.168.56.1
Socket[addr=/192.168.56.1,port=29456,localport=8000]
[java] Connected--->Peer- /192.168.56.101
Socket[addr=/192.168.56.101,port=38914,localport=8000]
[java] File processing 3e.txt
[java] File Location Found in Server
Connected--->Peer- /192.168.56.102
Socket[addr=/192.168.56.102,port=38384,localport=8000]

[java] File processing numbers.dat
[java] File Location Found in Server
[java] File processing numbers.dat
[java] File Location Found in Server
[java] File processing 3e.txt
[java] File Location Found in Server
[java] File processing oop.txt
[java] No Peer with this File Found
[java] File processing oop
[java] File Location Found in Server
[java]
[java] Socket[addr=/192.168.56.102,port=38384,localport=8000]Peer-
/192.168.56.102Closed and Disconnected
[java]
[java] Socket[addr=/192.168.56.1,port=29456,localport=8000]Peer-
/192.168.56.1Closed and Disconnected

/*Peer-1*/
The client Started.Connecting to Server...
[java] connect Successfully
[java] pratikshah-VirtualBox/127.0.1.1
[java] Enter Value 1,2,3 or 4
[java] 1.Request File Name
[java] 2.Close Connection and System
[java] 3.Display File List
[java] 4.Register Folder Files with Index_Server
3
[java] 0 config.properties~
[java] 1 3h.txt
[java] 2 3a.txt
[java] 3 1c.txt
[java] 4 Server_Connection.class
[java] 5 ErrorHandler.class
[java] 6 Numbers.dat
[java] 7 Client.class
[java] 8 build.xml
[java] 9 9.txt
[java] 10 ReadConfig.class
[java] 11 1d.txt
[java] 12 config.properties
[java] 13 Client_Connection.class

```

```

[java] 14 3e.txt
[java] 15 Sockets_Functions.class
[java] 16 3f.txt
[java] 17 3d.txt
[java] 18 3g.txt
[java] 19 Client.java
[java] 20 2a.txt
[java]
[java] Enter Value 1,2,or3
[java] 1.Request File Name
[java] 2.Close Connection and System
[java] 3.Display File List
[java] 4.Register Folder Files with Index_Server
[java] Sending File3e.txt
[java] File transfer complete.File---3e.txt---Send Successfully

[java] Enter FileName:
numbers.dat
[java] Peer List
[java] -----Peer List Where File Exsist-----
[java] Sr no.-----Peer-Id
[java] 1----->192.168.56.1
[java] 2----->192.168.56.102
[java] Enter any shown Sr no.or q to exit
1
[java]
[java] Started Receiving filenumbers.dat
[java]
[java] File Receivednumbers.dat
[java] Enter Value 1,2,3 or 4
[java] 1.Request File Name
[java] 2.Close Connection and System
[java] 3.Display File List
[java] 4.Register Folder Files with Index_Server
/*Peer-2*/

The client Started.Connecting to Server...
PRATIK/192.168.56.1
connect Successfully
Enter Value 1,2,3 or 4
1.Request File Name
2.Close Connection and System
3.Display File List
4.Register Folder Files with Index_Server
1
Enter FileName:
3e.txt
Peer List
-----Peer List Where File Exsist-----
Sr no.-----Peer-Id
1----->192.168.56.101
Enter any shown Sr no.or q to exit
1

```

Started Receiving file3e.txt

File Received3e.txt

Enter Value 1,2,3 or 4

- 1.Request File Name
- 2.Close Connection and System
- 3.Display File List
- 4.Register Folder Files with Index_Server

1

Enter FileName:

3e.txt

Peer List

-----Peer List Where File Exsist-----

Sr no.-----Peer-Id

1----->192.168.56.101

Enter any shown Sr no.or q to exit

1

Started Receiving file3e.txt

File Received3e.txt

Enter Value 1,2,3 or 4

- 1.Request File Name
- 2.Close Connection and System
- 3.Display File List
- 4.Register Folder Files with Index_Server

1

Enter FileName:

oop

Peer List

-----Peer List Where File Exsist-----

Sr no.-----Peer-Id

1----->192.168.56.102

Enter any shown Sr no. or q to exit

1

Started Receiving fileoop

File Receivedoop

Enter Value 1,2,3 or 4

- 1.Request File Name
- 2.Close Connection and System
- 3.Display File List
- 4.Register Folder Files with Index_Server

2

Closing Socket

/*Peer-3*/

The client Started.Connecting to Server...

connect Successfully

pshah-VirtualBox/127.0.1.1

Enter Value 1,2,3 or 4

- 1.Request File Name
- 2.Close Connection and System

3.Display File List
4.Register Folder Files with Index_Server

1

Enter FileName:

3e.txt

Peer List

-----Peer List Where File Exsist-----

Sr no.-----Peer-Id

1----->192.168.56.101

2----->192.168.56.1

Enter any shown Sr no.or q to exit

1

Started Receiving file3e.txt

File Received3e.txt

Enter Value 1,2,3 or 4

1.Request File Name

2.Close Connection and System

3.Display File List

4.Register Folder Files with Index_Server

4

Registering Files with Index Server

Sending Fileoop

File transfer complete.File---oop---Send Successfully

File Received3e.txt

Enter Value 1,2,3 or 4

1.Request File Name

2.Close Connection and System

3.Display File List

4.Register Folder Files with Index_Server