

OUTPUT Screenshots

1) Registering files

- Enter the number of files to be registered
- Enter the file names one by one

```
run:
[java] *****
[java] *   Distributed File System   *
[java] *****
[java] 1. Register file on server
[java] 2. Search and download file
[java] 3. Shutdown Client
[java] Enter your choice :
1
[java]
[java] Enter number of files to register :
2
[java]
[java] Enter file Names :
Nikhil.txt
dm.pdf
[java]
[java] Connecting to the server at IP:192.168.1.114, Port:9999
[java]
[java] Request sent to the server to register files..
[java]
[java] *****
[java] *   Distributed File System   *
[java] *****
[java] 1. Register file on server
[java] 2. Search and download file
[java] 3. Shutdown Client
[java] Enter your choice :
```

2) Searching and downloading file

- a. Enter the file name to be searched

```
[java] *****
[java] * Distributed File System *
[java] *****
[java] 1. Register file on server
[java] 2. Search and download file
[java] 3. Shutdown Client
[java] Enter your choice :
2
[java]
[java] Enter name of the file to search :
dm.pdf
[java]
[java] File found at these peers :
[java] Peer 0 - 192.168.1.114|9990
[java]
[java] Do you wish to download the file? (Y/N)
y
[java]
[java] Connecting to the first peer (192.168.1.114|9990) to download the file
[java] Connected with the file peer at IP:192.168.1.114, peerPort:9990
[java]
[java] Downloading file. Please wait....
[java]
[java] File Downloaded Successfully !!
[java]
[java] *****
[java] * Distributed File System *
[java] *****
[java] 1. Register file on server
[java] 2. Search and download file
[java] 3. Shutdown Client
[java] Enter your choice :
```

3) Server console

- a. When a register file request comes and the request is processed

```
run:
[java] Server starting at : 9999
[java] Server is up!!
[java]
[java]
[java] File register request from :192.168.1.114
[java] Number of files registered: 2
```

- b. When a search file request comes and processed

```
[java] File search request
[java] File found..
```