**Screenshots of the Peer-to-Peer File Sharing Project assignment 1**

1. Server up and running

Graphical user interface, text, application

Description automatically generated

1. PEER1 registering

Graphical user interface, text, application, email

Description automatically generated

1. PEER2 registering

Graphical user interface, text, application, email

Description automatically generated

1. PEER3 Registering

Graphical user interface, text, application, email

Description automatically generated

1. Indexing Server registering different peers on different ports

Graphical user interface, text, application, email

Description automatically generated

1. Searching for 4\_2.txt file from PEER1

Graphical user interface, text, application, email

Description automatically generated

1. Downloading the file from PEER 3 to current Peer directory(Peer1 directory)

Graphical user interface, text, application, email

Description automatically generated

1. Before Downloading

Graphical user interface, application

Description automatically generated with medium confidence

After Downloading

Graphical user interface, application

Description automatically generated with medium confidence

1. After Downloading automatically registering the file to indexing server for specific PEER.

Text

Description automatically generated

1. Deleting file from the Peer(Deleted file 100.txt)

Graphical user interface, application

Description automatically generated

1. Peer side after deleting 100.txt file

Graphical user interface, text, application, email

Description automatically generated

1. Server side after deleting 100.txt file

Graphical user interface, text, application, email

Description automatically generated

1. Concurrent searching of a file by 3 peers and total time taken by each peer to search and download the file from same peer

Graphical user interface, text, application, email

Description automatically generated