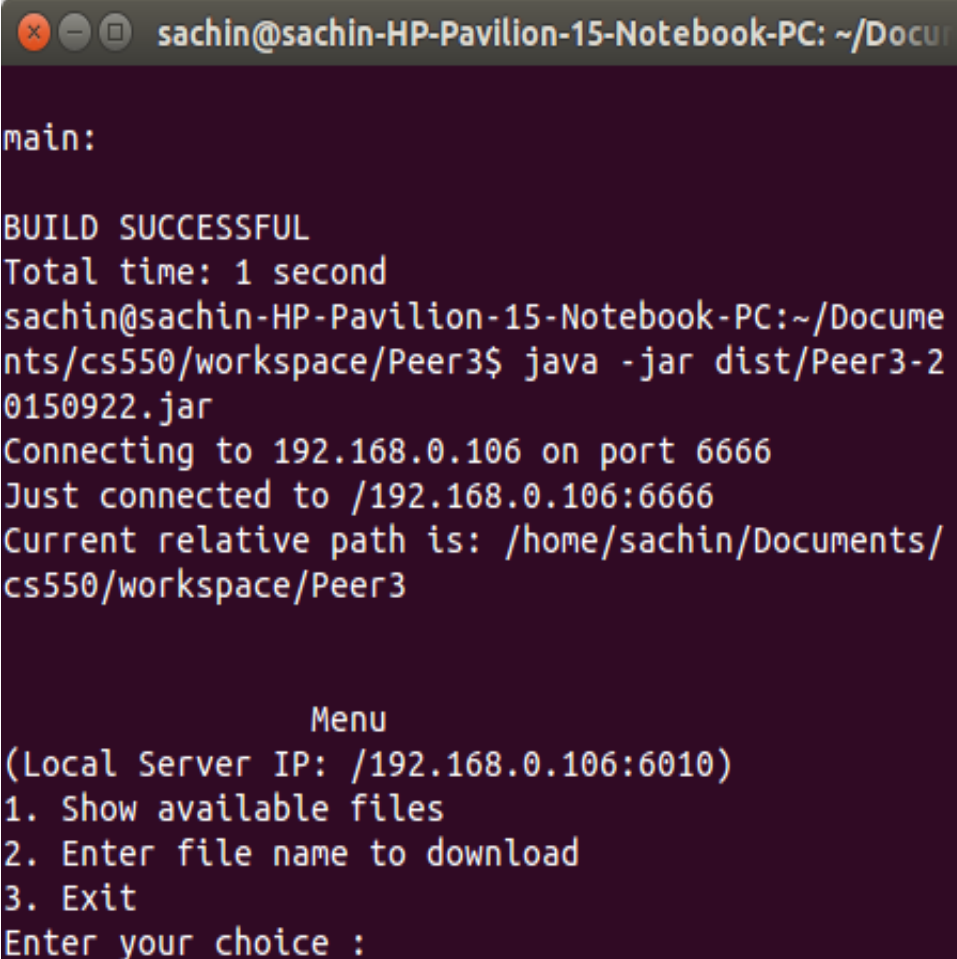1. Following are descriptions about screen shot attached,
   Peer3 is connected successfully to Indexing server at 192.168.0.106:6666.
   Peer3's server also started successfully at 192.168.0.106:6010.
   Now user can perform 3 operation:
   1.Show Available files : It shows files that can be download from
   other peer's (through Indexing Server).

   2.Enter file name to download : User can make request to indexing
   server for a file details to download.
   3.Exit : This makes user terminate the service with indexing server.
   It terminates peer's connection with indexing server and also
   it terminates its own server.

```
🔴⚫⚪  sachin@sachin-HP-Pavilion-15-Notebook-PC: ~/Docu

main:

BUILD SUCCESSFUL
Total time: 1 second
sachin@sachin-HP-Pavilion-15-Notebook-PC:~/Docume
nts/cs550/workspace/Peer3$ java -jar dist/Peer3-2
0150922.jar
Connecting to 192.168.0.106 on port 6666
Just connected to /192.168.0.106:6666
Current relative path is: /home/sachin/Documents/
cs550/workspace/Peer3



            Menu
(Local Server IP: /192.168.0.106:6010)
1. Show available files
2. Enter file name to download
3. Exit
Enter your choice :
```

2. Indexing Server is connected successfully with three peers.
   i.   192.168.0.106:5010
   ii. 192.168.0.106:4010
   iii. 192.168.0.106:6010

   *   Following snapshot shows files available at Peer (i) and (ii).
        These files can be download from peer3 (iii).
   *   User has selected to download file named jpgType.jpg.
   *   This file has been downloaded successfully in 14598599 Nanosecond.
   *   Size of the file is 4.4626913 mb.
   *   It also shows actual location of file at peer's server.

```
sachin@sachin-HP-Pavilion-15-Notebook-PC: ~/Documen
IP and PORT : 192.168.0.106:5010
1 Peer2.txt      Size : 6
2 file2.txt~     Size : 6
3 flvType.flv    Size : 4485612
4 file1.txt~     Size : 6
5 file3.txt~     Size : 6

IP and PORT : 192.168.0.106:4010
1 file2.txt~     Size : 33
2 Peer1.txt      Size : 6
3 file1.txt~     Size : 43
4 jpgType.jpg    Size : 4679471
5 file3.txt~     Size : 0


                 Menu
(Local Server IP: /192.168.0.106:6010)
1. Show available files
2. Enter file name to download
3. Exit
Enter your choice :
2
Enter Filename :
jpgType.jpg
 Available at 192.168.0.106:4010
 Location: /home/sachin/Documents/cs550/workspace
/Peer1/ServerFiles/jpgType.jpg
 Size: 4679471 bytes
 File is downloading...
Started time : 60762998562727
FileSize: 4.4626913 mb

Downloaded Successfully
Ended at 60763013074012
Time required for download (Nanosecond): 14598599
```

3. * When pressed one, it shows all latest filenames from indexing server. At the
    top of each list,there is mentioned IP and PORT of server where these files
    are located.
  * If user enters invalid choice then program throws "Invalid Choice" error.

4. * When Indexing server starts, it displays message as
     " waiting 192.168.0.106 for client on port 6666 ..."
     Where 192.168.0.106 and 6666 are IP :Port address of indexing server.
   * When Indexing server connects successfully to Peer then it displays
     peer's IP and port address.
   * 192.168.0.106 : 54897 is IP:PORT address of Peer who successfully
     connected to indexing server.
   * After connection with peer, Indexing Server immediately displays all
     filenames that are available to download from that peer's server.
   * Indexing server also notify other Peer servers about new filename.
     For this it displays message as
     " Updated 192.168.0.106:6020 "
     It means peer with address " 192.168.0.106:6020 " received auto update
     from Indexing server.