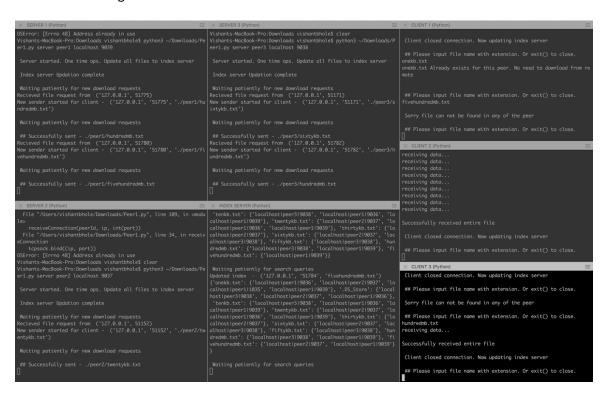
Verification A Simple Peer to Peer File Sharing System

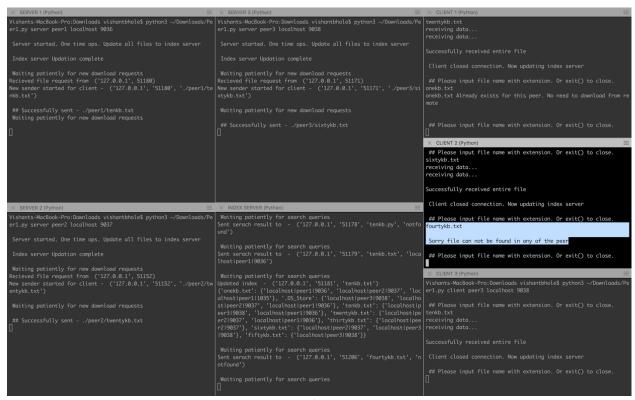
Consider an example like peer1 has two file one hundredmb.txt with size 100Mb and other fivehundredmb.txt of size 500Mb. And we request these files on the peer 2 and peer 3 respectively, as shown in the image below.



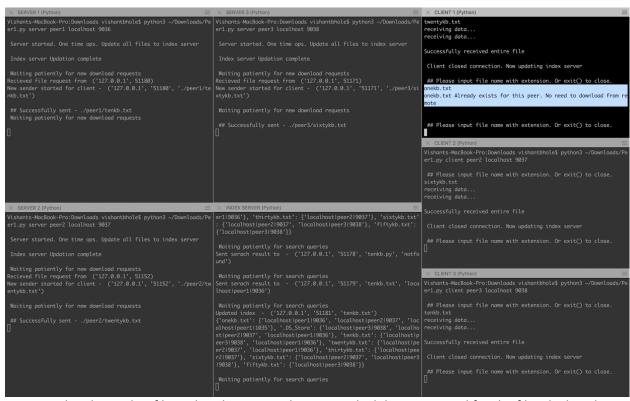
For verifying the results we can use the terminal and look in the peer folder for the files which was downloaded is present or not and can also check the time at which the file is transferred, which is shown below.

```
Vishants-MacBook-Pro:peer3 vishantbhole$ ls -la
total 204840
drwxr-xr-x 7 vishantbhole staff
                                                 224 Sep 23 00:31 .
drwx----+ 155 vishantbhole staff
                                                4960 Sep 23 00:30 ...
-rw-r--r--@ 1 vishantbhole staff
                                                6148 Sep 23 00:30 .DS_Store
-rw-r--r-@ 1 vishantbhole staff 178 Sep 22 17:38 fiftykb.txt
-rw-r--r-@ 1 vishantbhole staff 104857600 Sep 23 00:30 hundredmb.txt
-rw-r--r-@ 1 vishantbhole staff 178 Sep 22 17:38 sixtykb.txt
-rw-r--r- 1 vishantbhole staff 178 Sep 22 22:11 tenkb.txt
Vishants-MacBook-Pro:peer3 vishantbhole$ cd ...
Vishants-MacBook-Pro:Downloads vishantbhole$ cd peer2
Vishants-MacBook-Pro:peer2 vishantbhole$ ls -la
total 1048608
drwxr-xr-x 7 vishantbhole staff
                                                224 Sep 23 00:26 .
drwx----+ 155 vishantbhole staff
                                                4960 Sep 23 00:30 ..
-rw-r--r-- 1 vishantbhole staff 524288000 Sep 23 00:26 fivehundredmb.txt
-rw-r--r--@ 1 vishantbhole staff
                                                178 Sep 22 17:38 onekb.txt
-rw-r--r-- 1 vishantbhole staff
                                                 178 Sep 22 22:09 sixtykb.txt
                                                 178 Sep 22 17:38 thirtykb.txt
 -rw-r--r--@ 1 vishantbhole staff
-rw-r--r--@ 1 vishantbhole staff
                                                 178 Sep 22 17:38 twentykb.txt
Vishants-MacBook-Pro:peer2 vishantbhole$
```

And for more verification we can check the conditions where the file is not present in any of the peer and the file is already present in the peer which has requested for it to download.



This shows that the file does not exists in any peer.



This shows that file is already present the peer1 which has requested for the file which is there.