Deatais of **config.property** are as follows.

1. **ServerPort :**   This is Peer's indexing server port number.

2. **TotalPeer :**   This number of peers need to active to start program.
                        If "TotalPeer = 8**"** then Client1 to Client8 should active
                        to start program.

                        eg.
                        If TotalPeer = 2, then Client1 and Client2 should be running
                        to start functionality.

3. **UploadServerPort:** This is Peer's server port number used for providing
                         uploading service.

PORT Dependency =>

1. **'config.property'** file details are as follows :

              UploadServerPort = 5510
              ServerPort = **4410**
              TotalPeer = 8
              Client1 = 192.168.0.999:**4410**
              Client2 = 192.168.0.105:4420
              Client3 = 192.168.0.105:4430
              Client4 = 192.168.0.105:4440
              Client5 = 192.168.0.105:4450
              Client6 = 192.168.0.105:4460
              Client7 = 192.168.0.105:4470
              Client8 = 192.168.0.105:4480
              Client9 = 192.168.0.105:4490
              Client10 = 192.168.0.105:5500

2. Suppose **ServerPort** values is "ABCD", then this "ABCD" port should
   be present in listed Client's IP and PORT like.
              ServerPort = **ABCD**
              TotalPeer = 8
              Client1 = XXXX.YYYY.ZZZZ.MMMM:**ABCD**

3. So 'XXXX.YYYY.ZZZZ.MMMM' should be the **IP address** of PEER.

3. From details mentioned above,

              Peer's IP address is **192.168.0.999**
              Peer's ServerPort is **4410**

4. **Value for** UploadServerPort can be unique from all other peer's value.

How to run code :

I have provided total 8 instance code. Project name are from A3_1, A3_2,....,A3_8.
If you just want to test the code for 3 Servers only, you need make sure you
make following changes :
1. Change 'TotalPeer' value to 3.
2. Make changes in all 'config.property' file present in
   A3_1, A3_2 and A3_3.
3. Now its done, now you can run functionality on 3 servers.
4. Run A3_1,A3_2 and A3_3 server.

Following are details about how to run the servers :

Guidelines :
   I. Client1
   1. Suppose, Project name is "A3_1" .
   2. Suppose, Project path is
      /home/sachin/Documents/cs550/workspace/A3_1

   3. Location of config.property file will be at :
      /home/sachin/Documents/cs550/workspace/A3_1/config.property

   4. Location of build.xml file will be at:
      /home/sachin/Documents/cs550/workspace/A3_1/build.xml

   5. Generated Jar file path will be at :
      /home/sachin/Documents/cs550/workspace/A3_1/dist/A3_1-20150920.jar

   6. Command to build project :

   /home/sachin/Documents/cs550/workspace/A3_1$ ant
   /home/sachin/Documents/cs550/workspace/A3_1$ java -jar dist/A3_1-20150921.jar