How to make the program run?

1st, run the GossipServer.java file

2nd, run the Server.java file

3rd, run the Server.java file

4th, run the replicationserver.java file

5th, finally run the client.java file

How the system work?

**Gossipserver class**- it does the communication between the clients and the database servers. It is a dedicated server only intended to perform communication between the clients and the server.

**Server1 class**- it is a database server used to access the half part of the file table which is stored in the peer1 database.

**Server2 class-** it is a database server used to access the other half of the file table which is stored in the peer2 database.

**Replicationserver class**- it is also a database server used in the case when others servers fail.

That means whenever the other databases get updated this database also get updated.

**Client class**- This class have a GUI for end users….the client can do

* **Share file**
* **See shared files** from other clients
* **Download file**
* **Disconnect**- we trust the client to hit the disconnect button when he/she wants to leave so that the server can delete the files associated with this particular client ip address from the servers.

**Notice**: files will be downloaded from and to C:\Downloads folder only. That means one only can share files from C:\Downloads folder unless it won’t work.

