

## Manual:

1. First run the `index_server.py`, `peers1.py`, `peers2.py`, `peers3.py` files in the background and create the directories `peer1`, `peer2`, `peer3` by clicking on the python setup file `setup.py`
2. The user must create or move the files, which he wishes to register with the indexing servers, into the respective directories of the peers.
3. Then run the `peerc1.py` in one terminal
4. Open another terminal and run another peer client (`peerc2.py`)
5. Perform the required tasks by selecting any of the following options (1.Add,2.Search,3.Obtain)
6. Peers must first register the files via the ADD option
7. Then the peers can search for the file they need by using the search option
8. Download can be performed by using the download option and specifying the file followed by the peer name.
9. Multiple peers can connect to the indexing server to register files and search at the same time.
10. Download is done by connecting to the specified peers via sockets
11. Press Ctrl+X to end execution
12. Before running the programs again the socket processes need to be closed.