* **Project Title**

Peer to peer file sharing through mini TCP/IP Protocol for file transfer from one system to the other.

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* **Project Definition**

We will implement FTP over TCP/IP protocol which would be used to transfer files between two end systems in common network without requiring a server machine.

* **Target of Project**

The objective behind this project is to learn the fundamentals of the computer networks and socket programming in C. We will implement all the 4 layers. Each layer will add the corresponding header and write the data to a temporary file which will be passed to the next layer. 3-way Handshaking in Transport layer will be simulated using socket programming. In MAC layer all the data is kept in a single frame and that frame is sent through socket once again.