- **Implement a remote file access using UDP sockets. Transfer files block by block.**
  - Remote file access is implemented and shown in the code file attached with this email.
  - **Algorithm**
    - Server starts and waits for the file name
    - Client sends the file name
    - Server receives file name
      - If specified file is present
        - Read file, fill buffer and send it to the client
        - Read till EOF
      - Else
        - Sends file not present
    - Repeat till Ctrl+C is not pressed.
- **Can message delivery failure and out of order delivery be handled?**
  - Since the server and the client both are within the same machine, it is handled.
- **Can you support the update of the remote file?**
  - Update of remote file can also be handled for that we need to open the file in either write mode or append mode
  - If opened in write mode then seek the file pointer till the end of the file and if opened in the append mode continue
  - Reads the content from the client and then writes it on to the file.