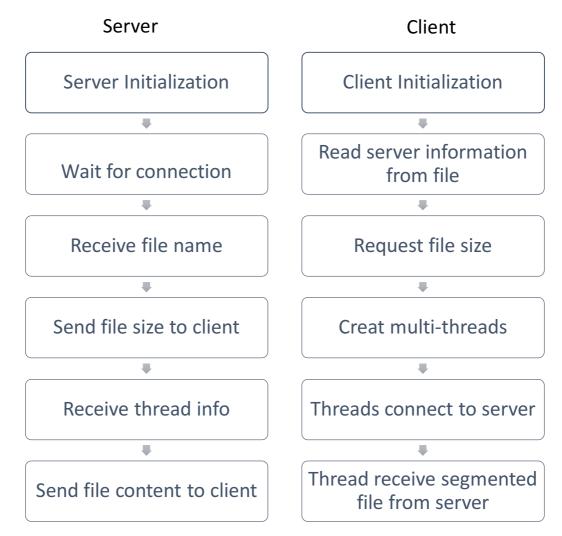
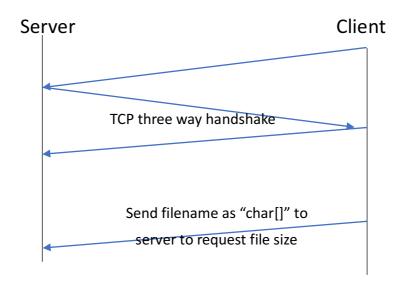
# CMPE 156 Assignment 2

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# 1. System flow chart



### 2. Data Transformation



If the file doesn't exist, server will return error message

Return flag "1" as file open fail, 0 as succeed. If succeed, send filesize as "int" End of connection Client creates threads TCP three way handshake Send file name as char[] Return flag "1" as file open fail, 0 as succeed Send start byte for each thread as "int" Send segment size for each thread as "int" Send client request file segment End of connection

Client kills all threads

Server read file with received parameter and send back to client

# 3. Test File:

Unfortunately I spent most of the time fixing the functionality. As a result there is not enough time for me to write a test script. I will just use the test sample provided by Professor Parsa.