COMPUTER NETWORKS ASSIGNMENT

FILE TRANSFER USING TCP SOCKETS

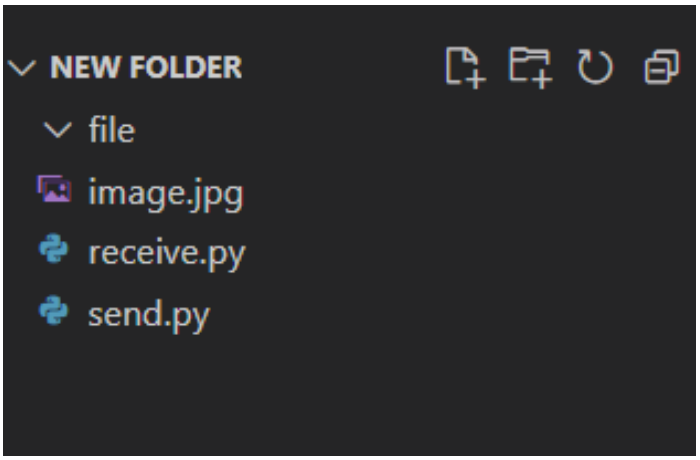
Client:

1. Create a TCP socket for the client and connecting to the server.
2. Reading the data from the file which is required to send and sending the file name to the server.
3. Receiving the response from the server and sending the file data to the server.
4. After receiving response from the server closing the file and closing the connection.

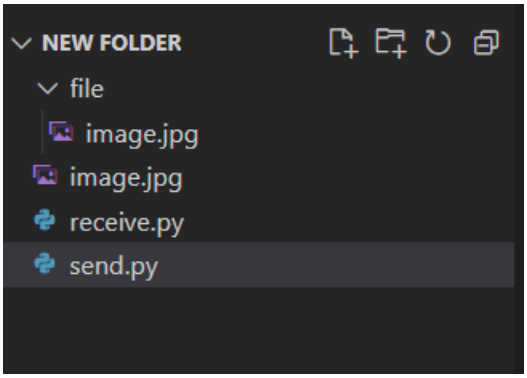
Server:

1. Creating the TCP socket and then binding the IP address and port to the server socket.
2. Accepting the connection from the client and receiving the name of the file to be transferred.
3. Sending the response back to the client and receiving the data to be transferred.
4. Sending a response message to the client and closing the connection.

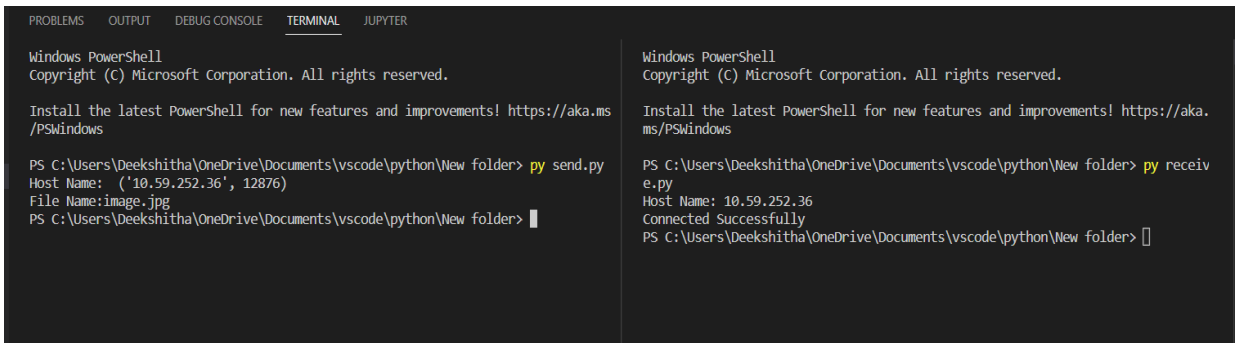
Before transferring file:



After the file Transfer:



To Transfer the File:



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