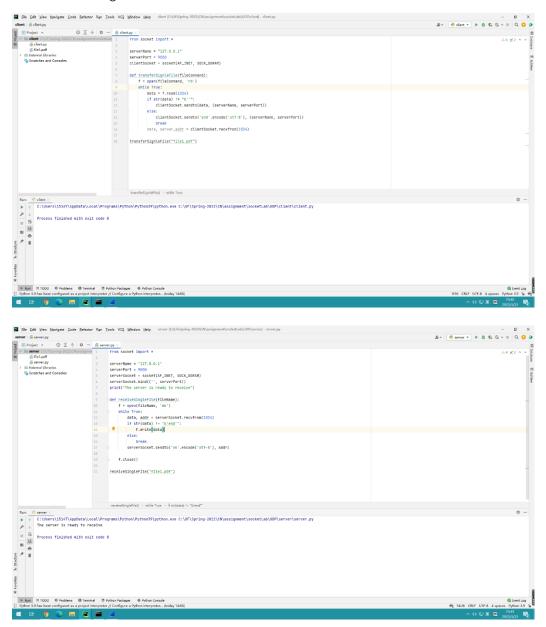
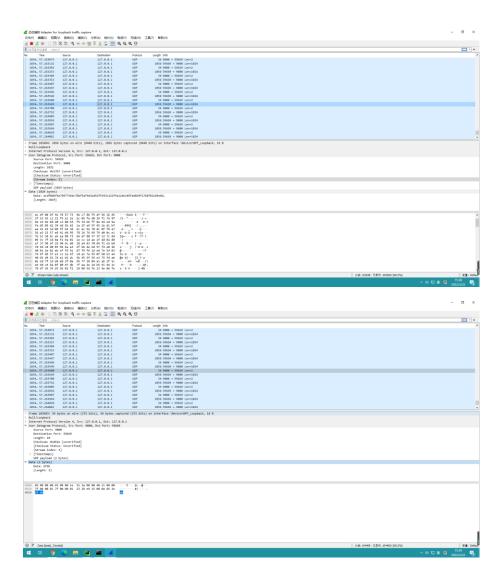
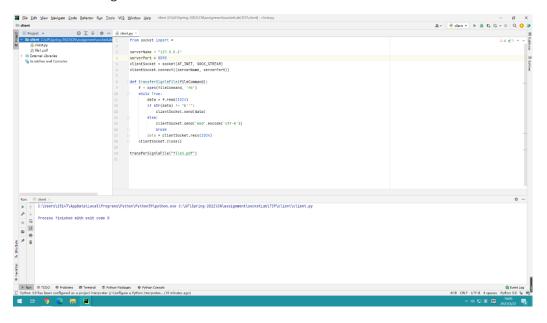
1. UDP packets send. Using wireshark to monitor the packet transfer. The program uses the client to transfer a file1.pdf (which is more than 50MB) to server by using UDP protocol. The following are the screenshot of the code of client and server.

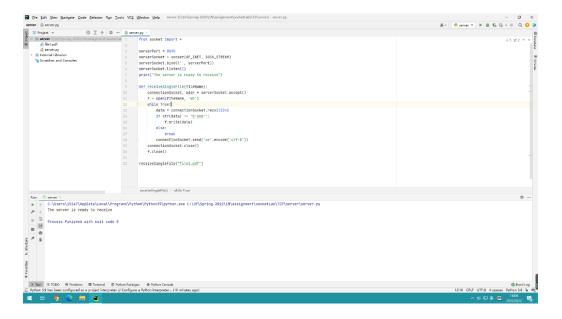


The following are two screenshots of using wireshark to monitor the packets sent.

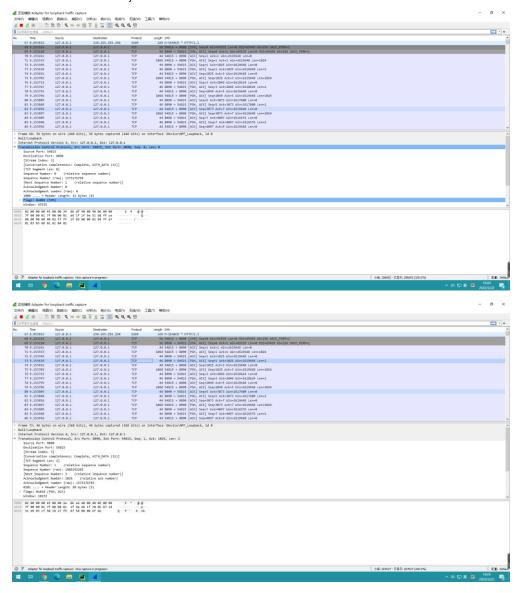


2. TCP packets send. Using wireshark to monitor the packet transfer. The program also uses the client to transfer a file1.pdf (which is more than 50MB) to server by using TCP protocol. The following are the screenshot of the code of client and server.



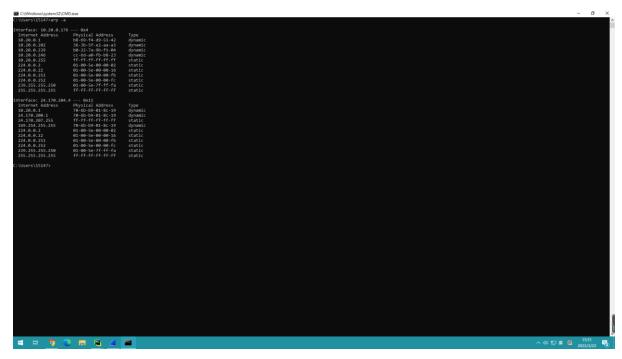


The following two screenshots are the wireshark monitor the packets sent. TCP connections which are colored in dark are just under the first blue record in the first screenshot.

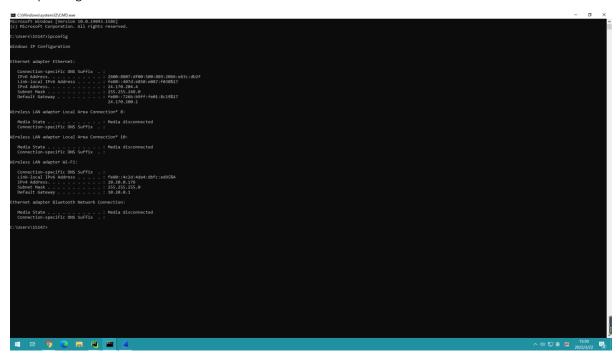


3. ARP table

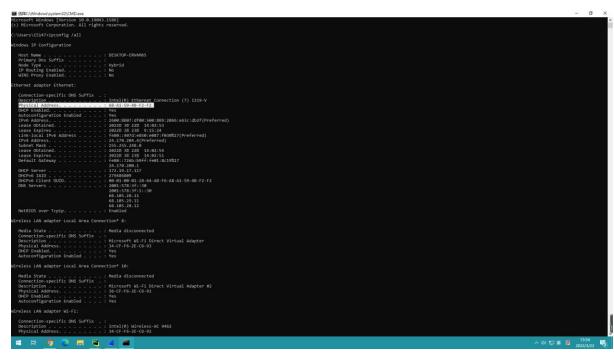
The first interface is for the wi-fi connection, and the second interface is for the Ethernet connection. Both of the tables have three columns, Internet address, physical address and type.



4. Ipconfig:



Mac address:



Routing table:

