**21CY681 - INTERNET PROTOCOL LAB - 11**

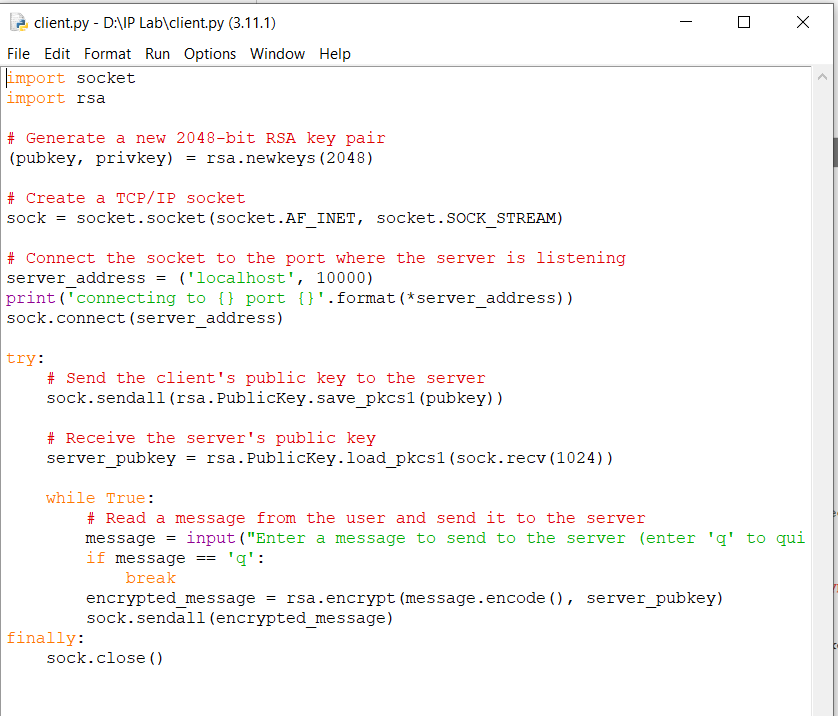
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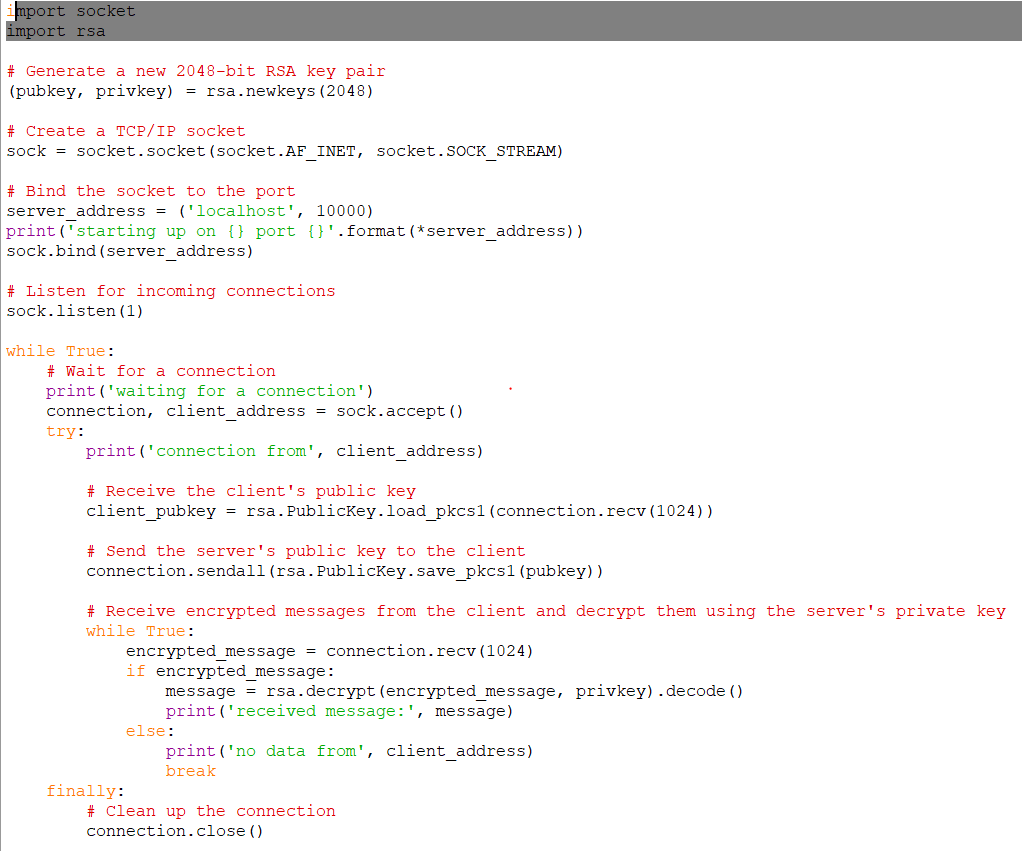
Date: 26/12/2022

Assignment Topic: Application of Cryptogrpahical Algorithms using Socket programming

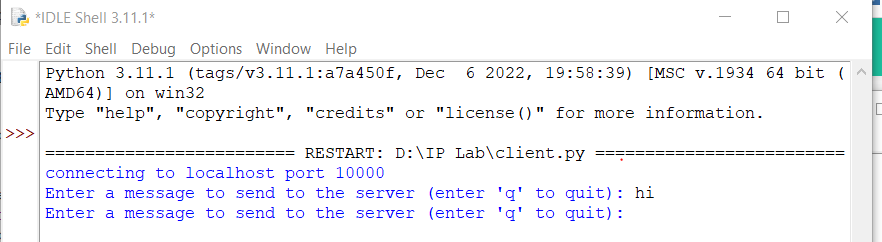
First we create a python program for a server for a connection to a client using RSA encryption key.



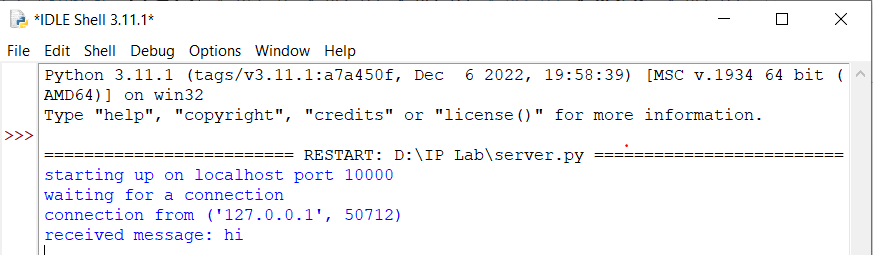
Now, let us write a python program for client which communicates with the server using RSA encryption.



The screenshot shows that the client has been connected to the server and is sending a message to the server.



The screenshot shows the output of the server where it has got a connection from the client and receives a message hi sent by the client.



Now we capture these connection traffic using loopback in Wireshark. Now if we search the TCP packets captured, we get the data being transferred.

