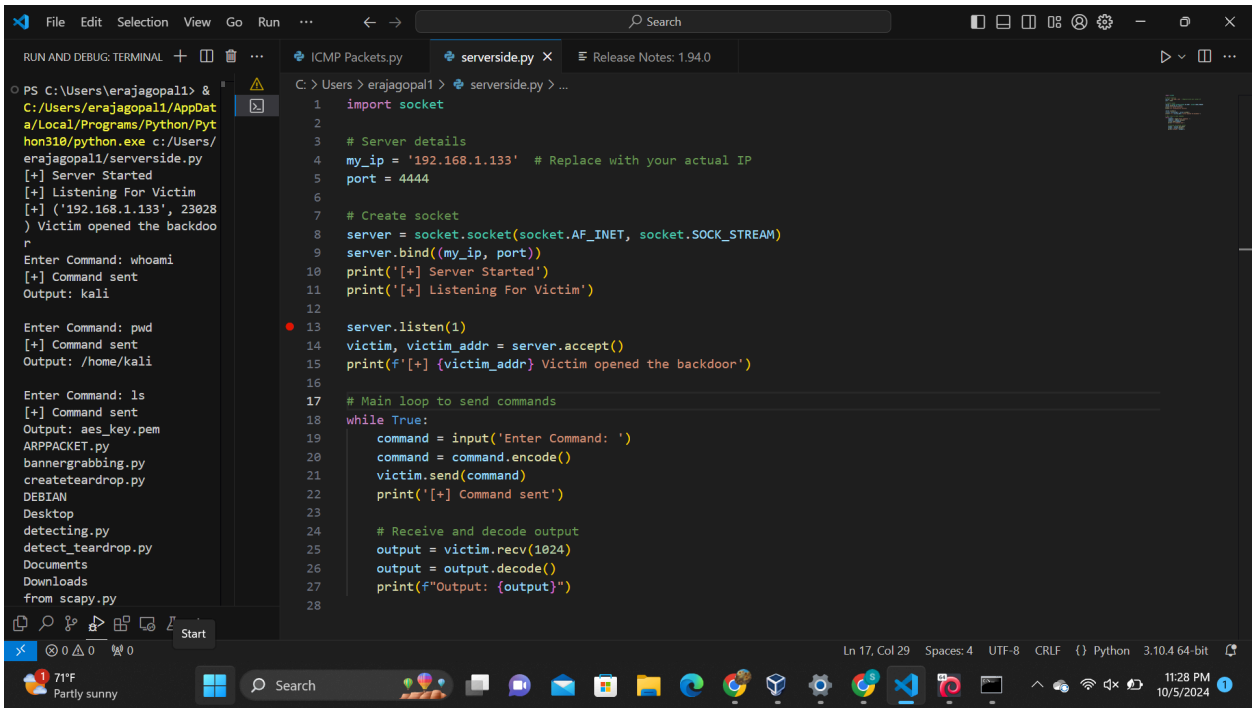
Remote Command Execution with Python: Client-Server Communication



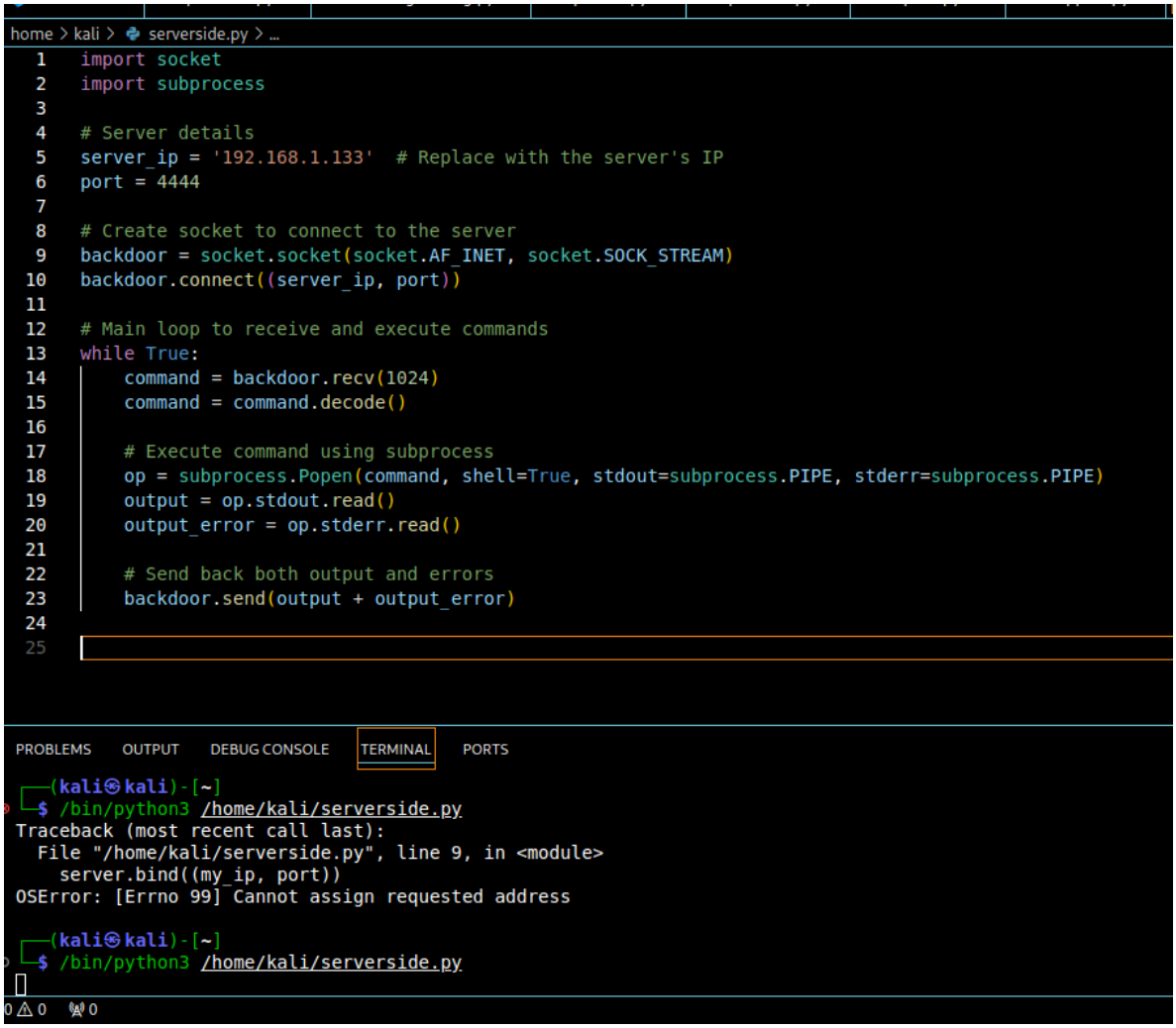
Instructions:

1. **For the server code:** Ensure the IP address is local machine (windows)Start the server first. 192.168.1.133 , here in my server is windows and client is kali linux vm.
2. **For the client code:** Ensure the IP address is the same as the server.
3. Run the client after the server is started.

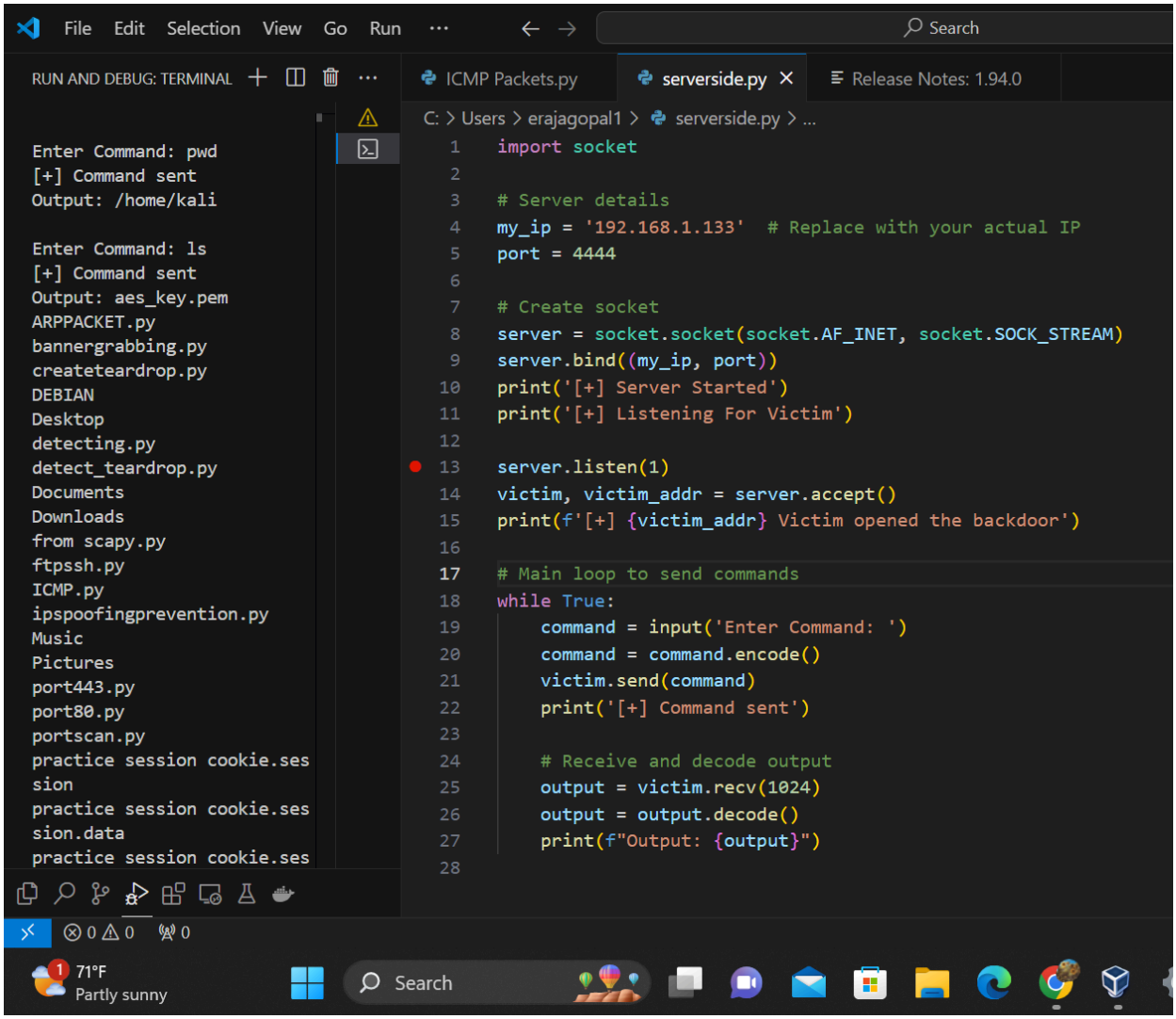
Key Points:

1. Both the server and client use **socket programming** to communicate.
2. The **client** executes system commands received from the server using subprocess.
3. The server sends commands, and the client executes them, returning the results.

Make sure both the client and server are on the same network, and adjust the IPs accordingly if you're using different virtual machines or environments.



Running client .



Entering commands like whois, pwd and ls.

In the above image we can see that all the files in the client server are listed on the server program.