Github repo link: https://github.com/Adlai-1/AlgoScience

1. To be able to run the python files in this directory, make sure you have a stable version of Python3 installed on your PC.

2. To run the test\_server.py, install the pytest module on your machine.

3. Do not run both client.py and server.py files on the same terminal. Ensure you open two terminal windows and run one file on each window.

4. The TCP server runs on the localhost IP address on port 5050. This information is needed for anyone who would execute the server using telnet on either a Linux or windows terminal.

5. Create a file with the extension ".service" in the path directory "/etc/systemd/system/ "

**File snippet:**

[Unit]

Description=My Python Daemon

After=network.target

[Service]

Type=simple

User=myuser

WorkingDirectory=/path/to/my/script

ExecStart=/usr/bin/python3 /path/to/my/script/myscript.py

Restart=on-failure

RestartSec=10s

[Install]

WantedBy=multi-user.target

Use the file snippet above to lay out the contents needed for our ".service" file.

Once that is done, reload the systemd daemon and enable the Service at boot time.