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Lab 3 – Distributed Systems

Write up:

**Language used**: Python

**Commands to compile and execute the code:**

ON COMMAND PROMPT:

Step1: python fserver.py

Step2: python student.py

python advisor.py

python notification.py

Step 3: Provide user and course name as input to the student process

Out.txt file stores the data persistently

**References:**

Client.py

https://realpython.com/python-sockets/

https://www.geeksforgeeks.org/socket-programming-multi-threading-python/

https://www.geeksforgeeks.org/socket-programming-python/

https://stackabuse.com/basic-socket-programming-in-python/

https://www.youtube.com/watch?v=SepyXsvWVfo

https://stackoverflow.com/questions/2905965/creating-threads-in-python

https://stackoverflow.com/questions/7585435/best-way-to-convert-string-to-bytes-in-python-3

<https://www.tutorialspoint.com/python/python_gui_programming.htm>

Server.py

https://www.geeksforgeeks.org/writing-files-background-python/

https://pymotw.com/2/socket/tcp.html

https://www.youtube.com/watch?v=SepyXsvWVfo