# SENG2040 Network Application Development

## Services and Logging/ Running the logging service

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* Run Server: Python
* First go to the server folder which will be rpatel\_dpatel\_server. Which has config.yaml and server.python.
* For running config.yaml with python install this library “pip install PyYAML” entering this command in commandline.
* For starting the server just write the python server.py and server will start listening.
* Run client : GO
* For running GO, go to the rpatel\_dpatel\_client. In this folder there will be three file logClient.go, initmog.go and logClient.exe. If you want to build or compile the go file enter go build and it will build the .exe file.
* For ip you can enter either 0.0.0.0 it is local host address or zerotier vpn address in which server is.
* TO run client or connect with server logClient.exe -host=(server\_ip/0.0.0.0) -port=8080 this will start the connection with server.
* To test automated test just enter logClient.exe -host=(server\_ip/0.0.0.0) -port=8080 -test=true
* To test abuse enter logClient.exe -host=(server\_ip/0.0.0.0) -port=8080 -abuse=true
* The server will create log file name logs.txt inside the folder of server.py