COMP 7005

Assignment 2

User Guide

Aditya Singh Attri

A01276335

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# Purpose

implement a client-server application using TCP.

# Obtaining

git clone <https://github.com/Aditya3650/COMP7005-Assignment2.git>  
(This is only the client and server on this repo and the word docs. For correct submission directory and all the other docs, refer to the Learning Hub submission)

# Building

Only need python 3.10 or later

# Running

Need two separate linux command line windows on two separate systems with both being on the same network, or have public IP addresses available:

1. Server command: `python3 server.py <port>`
2. Client commands: `python3 client.py <IP addr of server> <port> <file path>

File name could be anything. File should exist before reading from it. Port number on the client side should match the server.

# Command Line Arguments

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| Argument | Purpose |
| server\_ip | Specifies the IP address of the server to connect to |
| port | Specifies the port number on which the server is running |
| file\_path | Specifies the file to be sent by the client to the server |

# Examples

To start the server:  


To run client:

