Design File

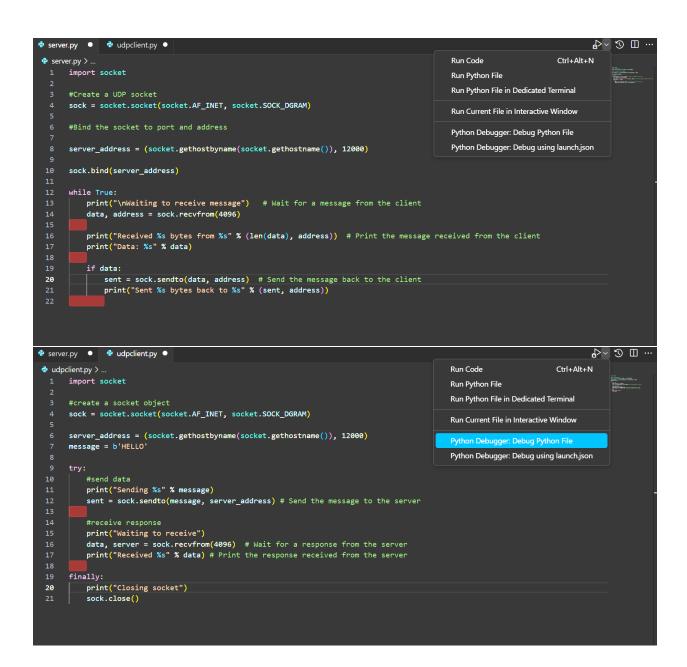
Title and Authors

- Phase 1
- Benjamin Dearden

Purpose of the Phase

This phase's purpose is to transfer a message from a UDP client to a UDP server and ECHO the message back and forth.

Execution Example



PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS GITLENS ⊗ Pyth... □ 🛍 PS C:\Users\btdmi\OneDrive - UMass Lowell\Summer 2024\EECE 4830 Network Design\Week 1\Project Phase 1\SocketProgram\vsCode> & ' c:\Users\btdmi\AppData\Local\Programs\Python\Python310\python.exe' 'c:\Users\btdmi\.vscode\extensions\ms-python.debugpy-2024.6.0
-win32-x64\bundled\libs\debugpy\adapter/../..\debugpy\launcher' '63910' '--' 'c:\Users\btdmi\OneDrive - UMass Lowell\Summer 2024
\EECE 4830 Network Design\Week 1\Project Phase 1\SocketProgram\vsCode\server.py' Waiting to receive message Received 5 bytes from ('192.168.1.6', 62773) Data: b'HELLO' Sent 5 bytes back to ('192.168.1.6', 62773) PS C:\Users\btdmi\OneDrive - UMass Lowell\Summer 2024\EECE 4830 Network Design\Week 1\Project Phase 1\SocketProgram\vsCode> 🗍 PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS GITLENS ⊗ Python Deb... PS C:\Users\btdmi\OneDrive - UMass Lowell\Summer 2024\EECE 4830 Network Design\Week 1\Project Phase 1\SocketProgram\vsCode> & ' 岌 Python Deb... c:\Users\btdmi\AppData\Local\Programs\Python\Python310\python.exe' 'c:\Users\btdmi\.vscode\extensions\ms-python.debugpy-2024.6.0
-win32-x64\bundled\libs\debugpy\adapter/../..\debugpy\launcher' '63935' '--' 'c:\Users\btdmi\OneDrive - UMass Lowell\Summer 2024
\EECE 4830 Network Design\Week 1\Project Phase 1\SocketProgram\vsCode\udpclient.py' Sending b'HELLO' Waiting to receive Received b'HELLO' Closing socket
PS C:\Users\btdmi\OneDrive - UMass Lowell\Summer 2024\EECE 4830 Network Design\Week 1\Project Phase 1\SocketProgram\vsCode> pyth PS C:\Users\btdmi\OneDrive - UMass Lowell\Summer 2024\EECE 4830 Network Design\Week 1\Project Phase 1\SocketProgram\vsCode>