

Brendan Jang

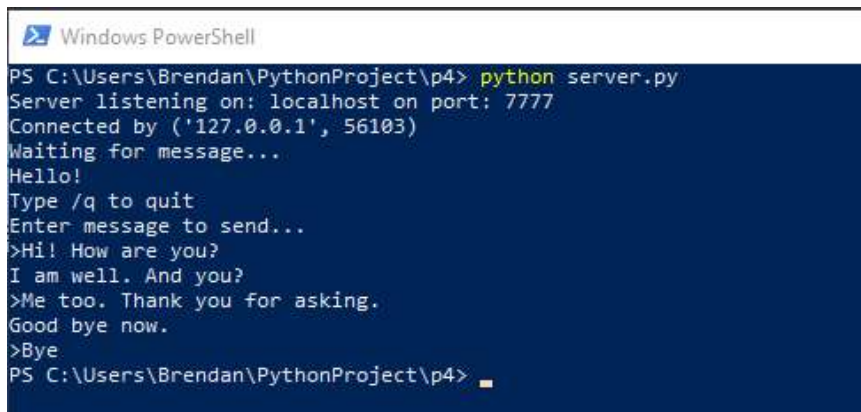
CS 372

Project 4: Client-Server Socket Program

To run the programs:

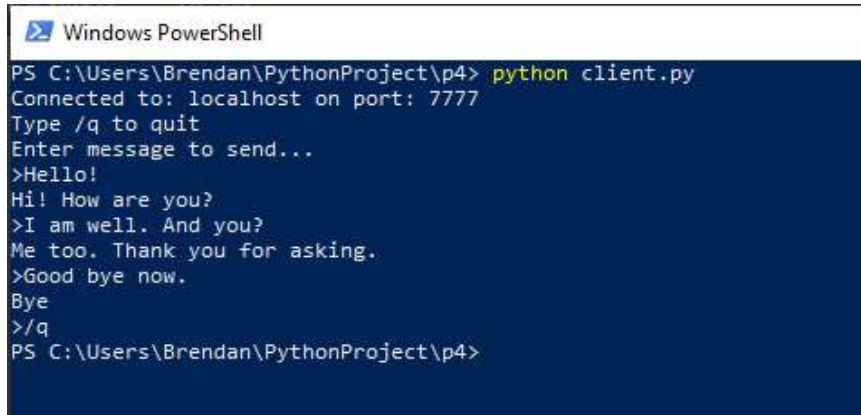
- First, configure HOST IP address and PORT in both server.py and client.py, which as specified as constants at the beginning of each of the source files. By default, the programs will run properly if both server.py and client.py are being launched on the same computer.
- Launch server.py
- Next, launch client.py
- In the client, enter messages when prompted with ">".
- In the server, enter messages when prompted with ">".
- When you wish to end the connections, type "/q" in either the client or the server, and both will terminate.

Screenshot of server.py



```
Windows PowerShell
PS C:\Users\Brendan\PythonProject\p4> python server.py
Server listening on: localhost on port: 7777
Connected by ('127.0.0.1', 56103)
Waiting for message...
Hello!
Type /q to quit
Enter message to send...
>Hi! How are you?
I am well. And you?
>Me too. Thank you for asking.
Good bye now.
>Bye
PS C:\Users\Brendan\PythonProject\p4>
```

Screenshot of client.py:



```
Windows PowerShell
PS C:\Users\Brendan\PythonProject\p4> python client.py
Connected to: localhost on port: 7777
Type /q to quit
Enter message to send...
>Hello!
Hi! How are you?
>I am well. And you?
Me too. Thank you for asking.
>Good bye now.
Bye
>/q
PS C:\Users\Brendan\PythonProject\p4>
```