

Screenshots showing each client making a connection with the server separately

1)

```
mininet@mininet-vm:~$ python3 PA3_client_Jimenez-Barrios_Ngoun_Rivera_Yasin.py
Client X Connected
Enter message to send to server: █
```

2)

```
mininet@mininet-vm:~$ python3 PA3_client_Jimenez-Barrios_Ngoun_Rivera_Yasin.py
Client Y Connected
Enter message to send to server: █
```

Client X sends a message to the server first then Client Y sends a message to the server.

1)

```
mininet@mininet-vm:~$ python3 PA3_client_Jimenez-Barrios_Ngoun_Rivera_Yasin.py
Client X Connected
Enter message to send to server: first_message
X: first_message received before Y: second_message
mininet@mininet-vm:~$ █
```

2)

```
mininet@mininet-vm:~$ python3 PA3_client_Jimenez-Barrios_Ngoun_Rivera_Yasin.py
Client Y Connected
Enter message to send to server: second_message
X: first_message received before Y: second_message
mininet@mininet-vm:~$ █
```

Client Y sends a message to the server first then Client X sends a message to the server.

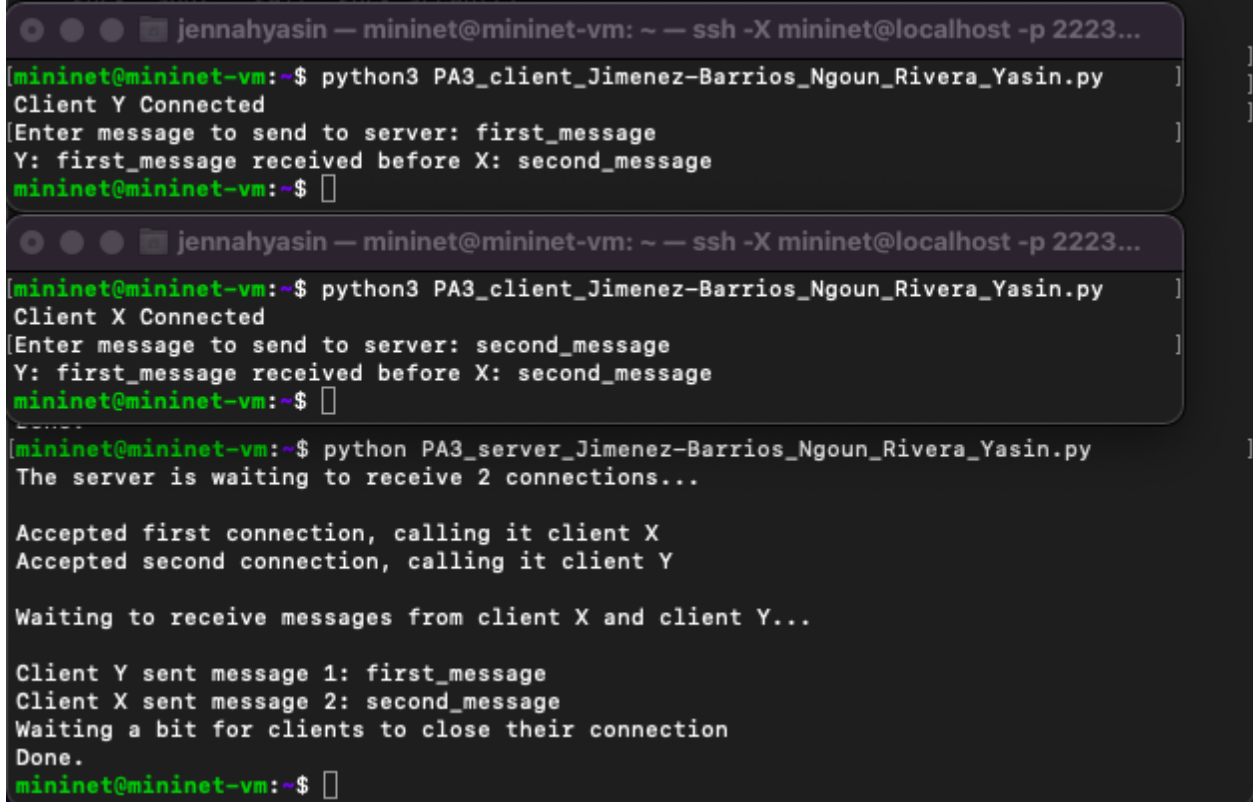
1)

```
mininet@mininet-vm:~$ python3 PA3_client_Jimenez-Barrios_Ngoun_Rivera_Yasin.py
Client Y Connected
Enter message to send to server: first_message
Y: first_message received before X: second_message
mininet@mininet-vm:~$ █
```

2)

```
mininet@mininet-vm:~$ python3 PA3_client_Jimenez-Barrios_Ngoun_Rivera_Yasin.py
Client X Connected
Enter message to send to server: second_message
Y: first_message received before X: second_message
mininet@mininet-vm:~$ █
```

Screenshot that shows server output:



```
jennahyasin — mininet@mininet-vm: ~ — ssh -X mininet@localhost -p 2223...
mininet@mininet-vm:~$ python3 PA3_client_Jimenez-Barrios_Ngoun_Rivera_Yasin.py
Client Y Connected
Enter message to send to server: first_message
Y: first_message received before X: second_message
mininet@mininet-vm:~$

jennahyasin — mininet@mininet-vm: ~ — ssh -X mininet@localhost -p 2223...
mininet@mininet-vm:~$ python3 PA3_client_Jimenez-Barrios_Ngoun_Rivera_Yasin.py
Client X Connected
Enter message to send to server: second_message
Y: first_message received before X: second_message
mininet@mininet-vm:~$

mininet@mininet-vm:~$ python PA3_server_Jimenez-Barrios_Ngoun_Rivera_Yasin.py
The server is waiting to receive 2 connections...

Accepted first connection, calling it client X
Accepted second connection, calling it client Y

Waiting to receive messages from client X and client Y...

Client Y sent message 1: first_message
Client X sent message 2: second_message
Waiting a bit for clients to close their connection
Done.
mininet@mininet-vm:~$
```