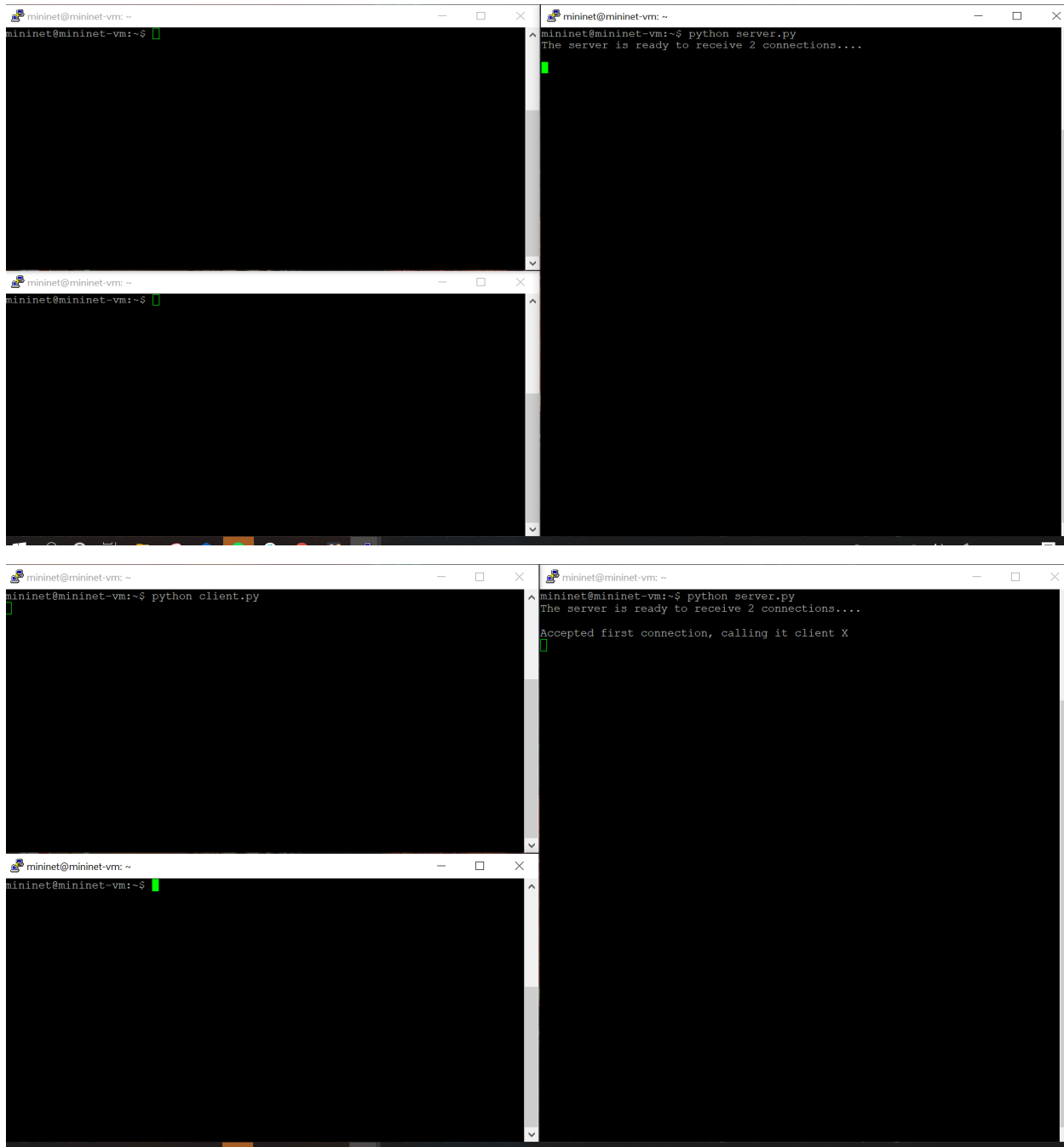Mustafa Memon

Alvin Liang

Ethan Herndon

Maria Leftheriotis

Programming Assignment 3 - Output Screenshots

Connection Screenshots

Case 1: When you type a message from Client X first:

```
mininet@mininet-vm: ~                                    —  □  ×
mininet@mininet-vm:~$ python client.py
From Server: Client X connected
Enter message to send to server: First_message
From Server: X: First_message received before Y: Second_message
mininet@mininet-vm:~$
```

```
mininet@mininet-vm: ~                                    —  □  ×
mininet@mininet-vm:~$ python server.py
The server is ready 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 X sent message 1: First_message
Client Y sent message 2: Second_message

Waiting a bit for clients to close their connections
Done.
mininet@mininet-vm:~$
```

```
mininet@mininet-vm: ~                                    —  □  ×
mininet@mininet-vm:~$ python client.py
From Server: Client Y connected
Enter message to send to server: Second_message
From Server: X: First_message received before Y: Second_message
mininet@mininet-vm:~$
```

Case 2: When you type a message from Client Y first:

```
mininet@mininet-vm: ~                                    —  □  ×
mininet@mininet-vm:~$ python client.py
From Server: Client X connected
Enter message to send to server:
```

```
mininet@mininet-vm: ~                                    —  □  ×
mininet@mininet-vm:~$ python server.py
The server is ready 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
```

```
mininet@mininet-vm: ~                                    —  □  ×
mininet@mininet-vm:~$ python client.py
From Server: Client Y connected
Enter message to send to server: First_message
```

```
mininet@mininet-vm:~$ python client.py
From Server: Client X connected
Enter message to send to server: Second_message
From Server: Y: First_message received before X: Second_message
mininet@mininet-vm:~$ █
```

```
mininet@mininet-vm:~$ python server.py
The server is ready 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 connections
Done.
mininet@mininet-vm:~$ []
```

```
mininet@mininet-vm:~$ python client.py
From Server: Client Y connected
Enter message to send to server: First_message
From Server: Y: First_message received before X: Second_message
mininet@mininet-vm:~$ []
```