

NAMES: Larry Chiem, Ian Rowe, Raymond Shum, Nicholas Stankovich

DUE DATE: May 11, 2021

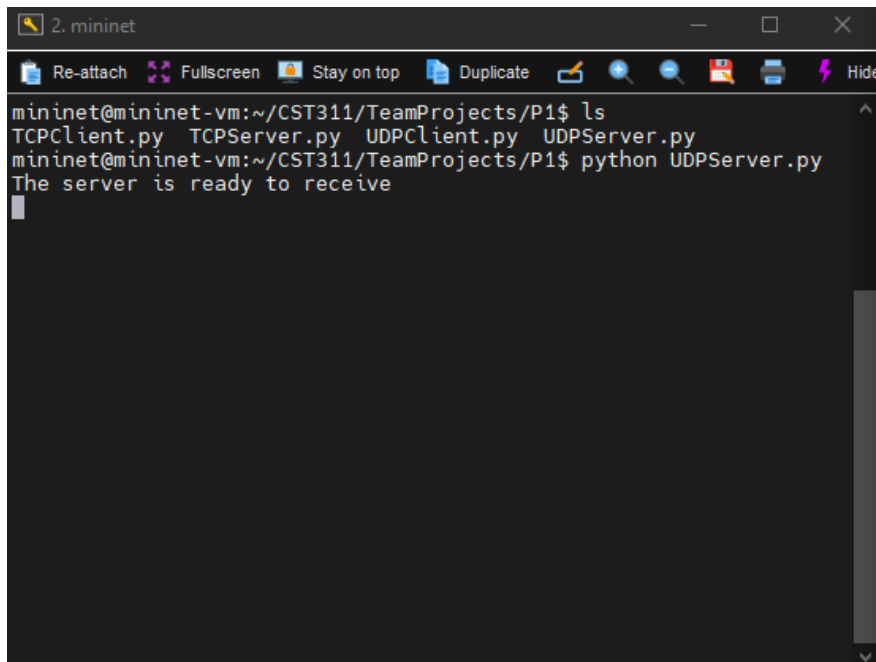
ASSIGNMENT: Team Programming Assignment #1

DESCRIPTION: Test cases for TPA #1.

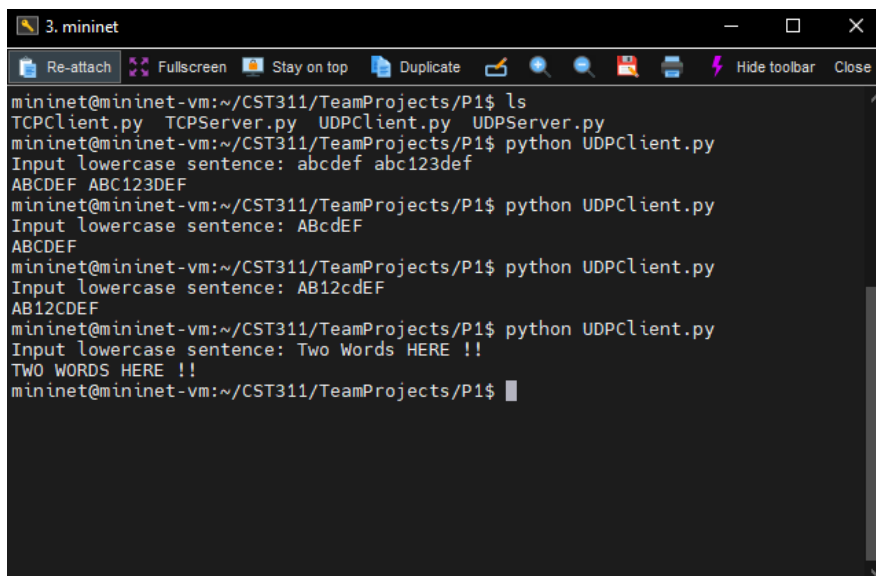
Group #2: TPA 1 – EC - Test Cases

NOTE: Testing was performed/confirmed by all members. As part of this project's work assignment.

UDP Server & Client:

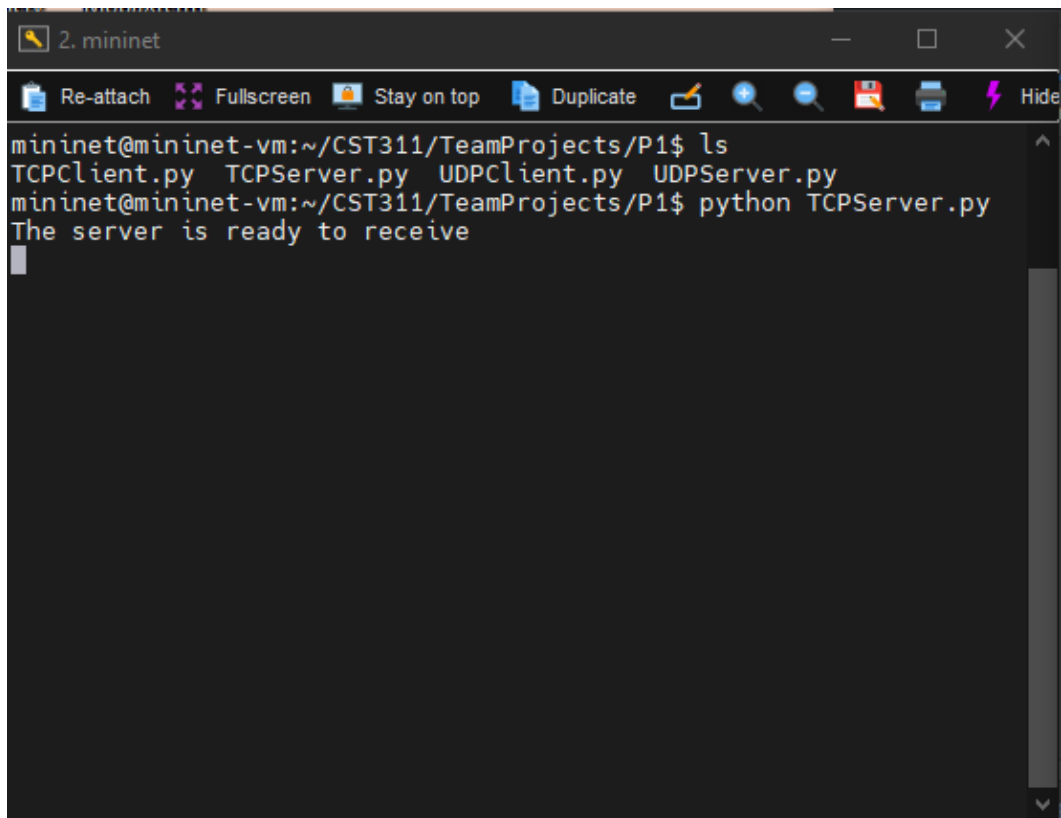
A terminal window titled '2. mininet' with a toolbar containing 'Re-attach', 'Fullscreen', 'Stay on top', 'Duplicate', and 'Hide'. The terminal shows the following commands and output:

```
mininet@mininet-vm:~/CST311/TeamProjects/P1$ ls
TCPClient.py  TCPServer.py  UDPClient.py  UDPServer.py
mininet@mininet-vm:~/CST311/TeamProjects/P1$ python UDPServer.py
The server is ready to receive
```

A terminal window titled '3. mininet' with a toolbar containing 'Re-attach', 'Fullscreen', 'Stay on top', 'Duplicate', 'Hide toolbar', and 'Close'. The terminal shows the following commands and output:

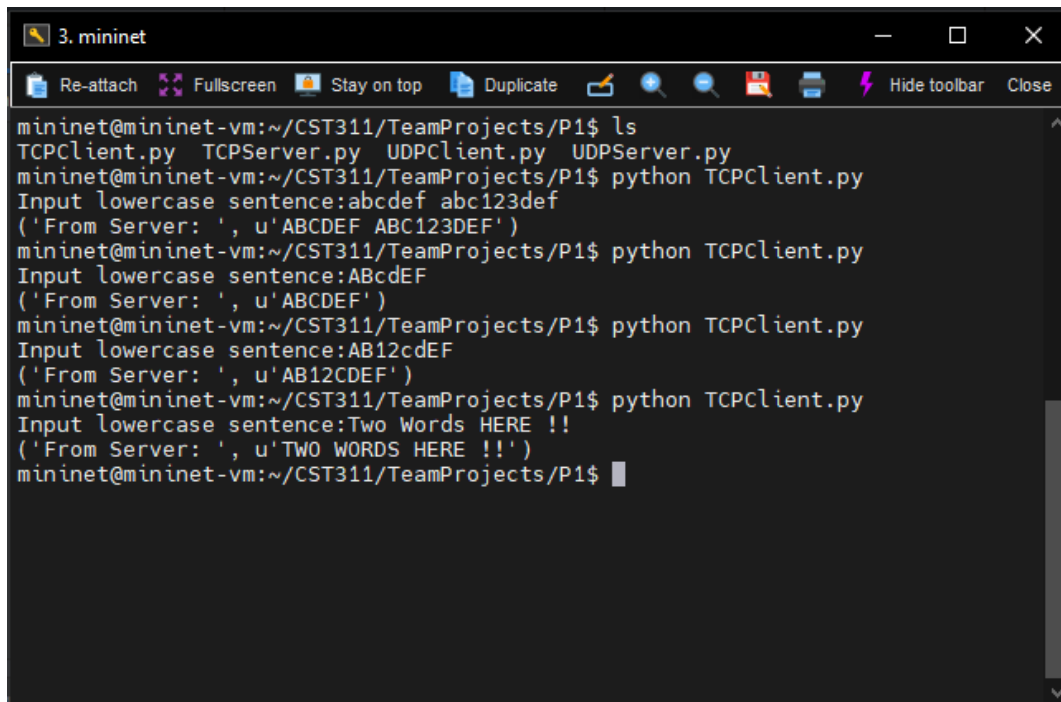
```
mininet@mininet-vm:~/CST311/TeamProjects/P1$ ls
TCPClient.py  TCPServer.py  UDPClient.py  UDPServer.py
mininet@mininet-vm:~/CST311/TeamProjects/P1$ python UDPClient.py
Input lowercase sentence: abcdef abc123def
ABCDEF ABC123DEF
mininet@mininet-vm:~/CST311/TeamProjects/P1$ python UDPClient.py
Input lowercase sentence: ABcdEF
ABCDEF
mininet@mininet-vm:~/CST311/TeamProjects/P1$ python UDPClient.py
Input lowercase sentence: AB12cdEF
AB12CDEF
mininet@mininet-vm:~/CST311/TeamProjects/P1$ python UDPClient.py
Input lowercase sentence: Two Words HERE !!
TWO WORDS HERE !!
mininet@mininet-vm:~/CST311/TeamProjects/P1$
```

TCP Server & Client:



A terminal window titled "2. mininet" with a toolbar containing icons for Re-attach, Fullscreen, Stay on top, Duplicate, and other window management functions. The terminal shows the following commands and output:

```
mininet@mininet-vm:~/CST311/TeamProjects/P1$ ls
TCPClient.py  TCPServer.py  UDPClient.py  UDPServer.py
mininet@mininet-vm:~/CST311/TeamProjects/P1$ python TCPServer.py
The server is ready to receive
```



A terminal window titled "3. mininet" with a toolbar containing icons for Re-attach, Fullscreen, Stay on top, Duplicate, Hide toolbar, and Close. The terminal shows the following commands and output:

```
mininet@mininet-vm:~/CST311/TeamProjects/P1$ ls
TCPClient.py  TCPServer.py  UDPClient.py  UDPServer.py
mininet@mininet-vm:~/CST311/TeamProjects/P1$ python TCPClient.py
Input lowercase sentence:abcdef abc123def
('From Server: ', u'ABCDEF ABC123DEF')
mininet@mininet-vm:~/CST311/TeamProjects/P1$ python TCPClient.py
Input lowercase sentence:ABcdeF
('From Server: ', u'ABCDEF')
mininet@mininet-vm:~/CST311/TeamProjects/P1$ python TCPClient.py
Input lowercase sentence:AB12cdEF
('From Server: ', u'AB12CDEF')
mininet@mininet-vm:~/CST311/TeamProjects/P1$ python TCPClient.py
Input lowercase sentence:Two Words HERE !!
('From Server: ', u'TWO WORDS HERE !!!')
mininet@mininet-vm:~/CST311/TeamProjects/P1$
```