

File Edit Selection View Go Run Terminal Help

EXPLORER

> OPEN EDITORS 1 UNSAVED

24\_2020201041\_2020201060\_2020202012\_2020201083\_ASSIGN\_1

- py files
  - \_\_pycache\_\_
  - log
    - '127.0.0.30', 50030.txt
    - '127.0.0.32', 50032.txt
    - '127.0.0.34', 50034.txt
    - '127.0.0.36', 50036.txt
    - '127.0.0.38', 50038.txt
    - '127.0.0.40', 50040.txt
  - user\_info\_json
    - 127.0.0.30:50030
      - 127.0.0.30:50030.json
    - 127.0.0.32:50032
      - 3.mp3
      - 127.0.0.32:50032.json
      - quiz2.pdf
    - 127.0.0.34:50034
      - 127.0.0.34:50034.json
    - 127.0.0.36:50036
      - 3.mp3
      - 127.0.0.36:50036.json
    - 127.0.0.38:50038
      - 127.0.0.38:50038.json
      - quiz2.pdf
    - 127.0.0.40:50040
      - 3.mp3
      - 127.0.0.40:50040.json
      - quiz2.pdf
  - clearrecord.py
  - dummy.py
  - keyexchange.py
  - LoadBalancer.py
  - msgpassing.py
  - peer.py
  - peerclient.py
  - peerserver.py
  - peerservlog.py
  - server\_data.json
  - server\_info.json

OUTLINE

peerserver.py c.txt {} uuid\_info.json X

py files &gt; {} uuid\_info.json &gt; ...

```
1
2      "baac9732-60b8-11eb-bc2f-f9f6d38e3cc7": "c69d870a6398081de452a775",
3      "bb182362-60b8-11eb-bc2f-f9f6d38e3cc7": "82af79caa8be379e25fb440c",
4      "bb733216-60b8-11eb-bc2f-f9f6d38e3cc7": "79c568d70588be5fa5dfcd76",
5      "bbc28ec4-60b8-11eb-bc2f-f9f6d38e3cc7": "8acce5f9335258a0bd3d847d",
6      "60d9cd3c-60b9-11eb-bc2f-f9f6d38e3cc7": "7ea5de8c21af17b81c5ea5a3",
7      "61f705d6-60b9-11eb-bc2f-f9f6d38e3cc7": "8dbd37803f8f6f8a44699713"
8
```



ActivitiesVisual Studio Code

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'127.0.0.30', 50030.txt - 24\_2020201041\_2020201060\_2020202012\_2020201083\_assign\_1 - Visual Studio Code

FileEditSelectionViewGoRunTerminalHelp

EXPLORER

> OPEN EDITORS1 UNSAVED

24\_2020201041\_2020201060\_2020202012\_2020201083\_ASSIGN\_1

py files

> \_\_pycache\_\_

log

'127.0.0.30', 50030.txt

'127.0.0.32', 50032.txt

'127.0.0.34', 50034.txt

'127.0.0.36', 50036.txt

'127.0.0.38', 50038.txt

'127.0.0.40', 50040.txt

user\_info\_json

127.0.0.30:50030

{ } 127.0.0.30:50030.json

127.0.0.32:50032

3.mp3

{ } 127.0.0.32:50032.json

quiz2.pdf

127.0.0.34:50034

{ } 127.0.0.34:50034.json

127.0.0.36:50036

3.mp3

{ } 127.0.0.36:50036.json

127.0.0.38:50038

{ } 127.0.0.38:50038.json

quiz2.pdf

127.0.0.40:50040

3.mp3

{ } 127.0.0.40:50040.json

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LoadBalancer.py

msgpassing.py

peer.py

peerclient.py

peerserver.py

peerservlog.py

{ } server\_data.json

{ } server\_info.json

OUTLINE

peerserver.py

c.txt

'127.0.0.30', 50030.txt

py files > log > '127.0.0.30', 50030.txt

1 socket info

2 Bind info : 127.0.0.30:50030

3 Listen success

4

5

6 [('127.0.0.1', 46126), 'Conversation started']

7 [('127.0.0.1', 46126), "['c', [-5, ['127.0.0.36', 50036]]]"]

8 [('127.0.0.1', 46126), '0825cb168c1bc1f0cc0f0703']

9 [('127.0.0.1', 46128), 'Conversation started']

10 [('127.0.0.1', 46128), '["c', [0, b'\xa3\x1c]\xf8\xb3\x80[\xef\xa0\xf2\xf2\xb00\xb3\xef<Y"\xa1\x

11 ['c', '\send', 'a', 'msg', "hello to a (c has never talk to a so we'll first exchange key)"]]

12 ['c', ' : ', 'msg', "hello to a (c has never talk to a so we'll first exchange key)"]]

13 [('127.0.0.1', 46160), 'Conversation started']

14 [('127.0.0.1', 46160), "['b', [-5, ['127.0.0.32', 50032]]]"]

15 [('127.0.0.1', 46160), '2e7b66283f993fd7d30b5e40']

16 [('127.0.0.1', 46162), 'Conversation started']

17 [('127.0.0.1', 46162), "['b', [0, b'\xaf?\xcc{#\xcd>\xe1K\x90w\xb2\xd5\xd3A\xc3\xb8|\xdb04D\xb0\xce

18 ['b', "['send', 'a', 'msg', 'sending msg to a and c from b in one command']"]

19 ['b', ' : ', 'msg', 'sending msg to a and c from b in one command']]

20 [('127.0.0.1', 46172), 'Conversation started']

21 [('127.0.0.1', 46172), '["c', [0, b"\xa3\x1c]\xf8\xb3\x80[\xef\xa0\xf2\xf2\xb00\xb3\xef<Is\xcd\xac

22 ['c', "['send', 'a', 'msg', 'sending msg to a and b from c in one command']"]

23 ['c', ' : ', 'msg', 'sending msg to a and b from c in one command']]

24 [('127.0.0.1', 46190), 'Conversation started']

25 [('127.0.0.1', 46190), "['b', [-6, b'\xc3\xd8\x05\xc2\xd8\xf6\x85>\xd4E &\x8cU&\xbe\x07\xf6\xab\x

26 [('127.0.0.1', 46192), 'Conversation started']

27 [('127.0.0.1', 46192), "['b', [-7, b'\xc0&;r\xc2\xc8\x05']]"]

28 [('127.0.0.1', 46256), 'Conversation started']

29 [('127.0.0.1', 46256), "['f', [-5, ['127.0.0.40', 50040]]]"]

30 [('127.0.0.1', 46256), 'eeaac10f114c9546d5c3e520']

31 [('127.0.0.1', 46258), 'Conversation started']

32 [('127.0.0.1', 46258), "['f', [-6, b'\lx0e\x10b\x95\x8a\xf4\t/v@\x87\xbcY?\xd5:\x10d\x9aH7\xcb\x

33 [('127.0.0.1', 46268), 'Conversation started']

34 [('127.0.0.1', 46268), "['f', [-7, b'\xbc\xe1\x87\x81\xa0\x9f\x91I']]"]

35 [('127.0.0.1', 46276), 'Conversation started']

36 [('127.0.0.1', 46276), "['c', [-6, b'\xeb.z\x1f\xfd&\xeb\n\xd7\x15\xf5]\x9e\xa8\xb5^{xe3I\xd1\xba\

37 [('127.0.0.1', 46288), 'Conversation started']

38 [('127.0.0.1', 46288), "['c', [-7, b'\xb3"\xab\xd9\xf6]a\xd1\']]"]

39 [('127.0.0.1', 46354), 'Conversation started']

40 [('127.0.0.1', 46354), "['x', [1, b'\xbb\xb4{\xc6\x16\x00\t\xd7\xd0]\xab\xffu\x8e\x90\x86\xe6\x0

41 ['x', "['send', 'x', 'msg', 'sending msg in group x from f', 'f']"]

42 [('x', 'f'), ' : ', 'msg', 'sending msg in group x from f', 'f']]

43 [('127.0.0.1', 46366), 'Conversation started']

44 [('127.0.0.1', 46366), "['x', [1, b'\xbb\xb4{\xc6\x16\x00\t\xd7\xd0]\xab\xffu\x8e\x90\x86\xe6\x0

45 ['x', "['send', 'x', 'msg', 'sending msg in group x and y from f in one command', 'f']"]

46 [('x', 'f'), ' : ', 'msg', 'sending msg in group x and y from f in one command', 'f']]

47 [('127.0.0.1', 46412), 'Conversation started']

48 [('127.0.0.1', 46412), "['x', [1, b'\xbb\xb4{\xc6\x16\x00\t\xd7\xd0]\xab\xffu\x8e\x90\x86\xe6\x0

Python 3.8.5 64-bit

0 0 0

Ln 1, Col 1

Spaces: 4

UTF-8

LF

Plain Text



ActivitiesVisual Studio Code

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'127.0.0.32', 50032.txt - 24\_2020201041\_2020201060\_2020202012\_2020201083\_assign\_1 - Visual Studio Code

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OPEN EDITORS1 UNSAVED

24\_2020201041\_2020201060\_2020202012\_2020201083\_ASSIGN\_1

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\_\_pycache\_\_

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'127.0.0.32', 50032.txt

'127.0.0.34', 50034.txt

'127.0.0.36', 50036.txt

'127.0.0.38', 50038.txt

'127.0.0.40', 50040.txt

user\_info.json

127.0.0.30:50030

{ } 127.0.0.30:50030.json

127.0.0.32:50032

3.mp3

{ } 127.0.0.32:50032.json

quiz2.pdf

127.0.0.34:50034

{ } 127.0.0.34:50034.json

127.0.0.36:50036

3.mp3

{ } 127.0.0.36:50036.json

127.0.0.38:50038

{ } 127.0.0.38:50038.json

quiz2.pdf

127.0.0.40:50040

3.mp3

{ } 127.0.0.40:50040.json

quiz2.pdf

clearrecord.py

dummy.py

keyexchange.py

LoadBalancer.py

msgpassing.py

peer.py

peerclient.py

peerserver.py

peerservlog.py

{ } server\_data.json

{ } server\_info.json

OUTLINE

peerserver.py

c.txt

'127.0.0.32', 50032.txt

py files > log > '127.0.0.32', 50032.txt

1 socket info

2 Bind info : 127.0.0.32:50032

3 Listen success

4

5

6 [('127.0.0.1', 55470), 'Conversation started']

7 [('127.0.0.1', 55470), "['c', [-5, ['127.0.0.36', 50036]]]"]

8 [('127.0.0.1', 55470), '3394e0eead82c8446efce59f']

9 [('127.0.0.1', 55472), 'Conversation started']

10 [('127.0.0.1', 55472), '["c', [0, b'k\\xda\\x06\\xc3p\\x1b\\xa6\\x7f!\\xe3\\x92\\xbeP\\x0bEH\\x9a\$j\\xb8\\xbd\\

11 ['c', '["send\\', '\\b\\', '\\msg\\', "hello to b (c has never talk to b so we'll first exchange key)"]']

12 ['c', ' : ', ['msg', "hello to b (c has never talk to b so we'll first exchange key)"]]

13 [('127.0.0.1', 55504), 'Conversation started']

14 [('127.0.0.1', 55504), "['c', [0, b'k\\xda\\x06\\xc3p\\x1b\\xa6\\x7f!\\xe3\\x92\\xbeP\\x0bEH\\x05\\xc8p\\x80[\\x9

15 ['c', "['send', 'b', 'msg', 'sending msg to a and b from c in one command']"]

16 ['c', ' : ', ['msg', 'sending msg to a and b from c in one command']]

17 [('127.0.0.1', 55594), 'Conversation started']

18 [('127.0.0.1', 55594), "['f', [-5, ['127.0.0.40', 50040]]]"]

19 [('127.0.0.1', 55594), '8a97db5a2ac853ae1d9510aa']

20 [('127.0.0.1', 55596), 'Conversation started']

21 [('127.0.0.1', 55596), "['f', [-6, b'\\x10K\\xa2A&\\xc8\\x0c\\xa5\\xcc\\xb4<\\xb5=)\\x80\_we\\xb8\\xf7t\\xf0\\x84

22 [{"('127.0.0.1', 55608)}, 'Conversation started']

23 [('127.0.0.1', 55608), "['c', [-6, b'U\\xe9\\xa2\\xa5k\\xf9vg\\x9d\\xf1\\xfeJ\*\\xb2\\xcd\\xeb\\xbc\\xbe\\xda\\x00

24 [('127.0.0.1', 55686), 'Conversation started']

25 [('127.0.0.1', 55686), '["x', [1, b"\\xbb\\xb4{\\xc6\\x16\\x00\\t\\xd7\\xd0}\\xab\\xffu\\x8e\\x90\\x86\\xe6\\x0

26 ['x', "['send', 'x', 'msg', 'sending msg in group x from f', 'f']"]

27 [('x', 'f'), ' : ', ['msg', 'sending msg in group x from f', 'f']]

28 [('127.0.0.1', 55698), 'Conversation started']

29 [('127.0.0.1', 55698), '["x', [1, b"\\xbb\\xb4{\\xc6\\x16\\x00\\t\\xd7\\xd0}\\xab\\xffu\\x8e\\x90\\x86\\xe6\\x0

30 ['x', "['send', 'x', 'msg', 'sending msg in group x and y from f in one command', 'f']"]

31 [('x', 'f'), ' : ', ['msg', 'sending msg in group x and y from f in one command', 'f']]

32 [('127.0.0.1', 55744), 'Conversation started']

33 [('127.0.0.1', 55744), '["x', [1, b"\\xbb\\xb4{\\xc6\\x16\\x00\\t\\xd7\\xd0}\\xab\\xffu\\x8e\\x90\\x86\\xe6\\x0

34 ['x', "['send', 'x', 'msg', 'sending msg in group x and y from f in one command', 'f']"]

35 [('x', 'f'), ' : ', ['msg', 'sending msg in group x and y from f in one command', 'f']]

36 [('127.0.0.1', 55752), 'Conversation started']

37 [('127.0.0.1', 55752), '["y', [1, b"\\x91\\xfd\\x0b\\xd5\\xa6\\x94\\xf8\\x10\\xc08%\\xe7\\xd0l\\x85o\\x1a\\xf

38 ['y', "['send', 'y', 'msg', 'sending msg in group x and y from f in one command', 'f', 'f']"]

39 [('y', 'f'), ' : ', ['msg', 'sending msg in group x and y from f in one command', 'f', 'f']]

40 [('127.0.0.1', 55770), 'Conversation started']

41 [('127.0.0.1', 55770), '["y', [1, b"\\x91\\xfd\\x0b\\xd5\\xa6\\x94\\xf8\\x10\\xc08%\\xe7\\xd0l\\x85o\\x1a\\xf

42 ['y', "['send', 'y', 'msg', 'sending msg in group y from e', 'e']"]

43 [('y', 'e'), ' : ', ['msg', 'sending msg in group y from e', 'e']]

44 [('127.0.0.1', 55782), 'Conversation started']

45 [('127.0.0.1', 55782), '["y', [1, b"\\x91\\xfd\\x0b\\xd5\\xa6\\x94\\xf8\\x10\\xc08%\\xe7\\xd0l\\x85o\\x1a\\xf

46 ['y', "['send', 'y', 'msg', 'sending msg in group y and user a from e in one command', 'e']"]

47 [('y', 'e'), ' : ', ['msg', 'sending msg in group y and user a from e in one command', 'e']]

48 [('127.0.0.1', 55812), 'Conversation started']

Python 3.8.5 64-bit

0 0 0

Ln 1, Col 1

Spaces: 4

UTF-8

LF

Plain Text



3.8.5 64-bit  $\otimes 0 \triangle 0$ 

```

6  [('127.0.0.1', 54164), 'Conversation started']
7  [('127.0.0.1', 54164), '['y', [1, b"\\x91\\xfd\\x0b\\x05\\xa6\\x94\\xf8\\x10\\xc08%\\xe7\\xd0\\x85o\\x1a\\xf
8  ['y', "['send', 'y', 'msg', 'sending msg in group x and y from f in one command', 'f', 'f']"]
9  [('y', 'f'), ' : ', ['msg', 'sending msg in group x and y from f in one command', 'f', 'f']]
10 [('127.0.0.1', 54188), 'Conversation started']
11 [('127.0.0.1', 54188), "['b', [-5, ['127.0.0.32', 50032]]]"]
12 [('127.0.0.1', 54188), 'a6fd9d388ec5691e7836aa50']
13 [('127.0.0.1', 54190), 'Conversation started']
14 [('127.0.0.1', 54190), "['b', [-6, b"\\xee\\xca`X\\x15\\x89\\xf1bL\\xedo{\\x1a\\x01\\x99\\xbcB6\\xe4Z\\xa3@\\x1f`
15 [\\x127.0.0.1', 54210], 'Conversation started']
16 [('127.0.0.1', 54210), '['y', [1, b"\\x91\\xfd\\x0b\\x05\\xa6\\x94\\xf8\\x10\\xc08%\\xe7\\xd0\\x85o\\x1a\\xf
17 ['y', "['send', 'y', 'msg', 'sending msg in group x and y from f in one command', 'f', 'f']"]
18 [('y', 'f'), ' : ', ['msg', 'sending msg in group x and y from f in one command', 'f', 'f']]
19

```



Activities

Visual Studio Code

Jan 27 21:55

File

Edit

Selection

View

Go

Run

Terminal

Help

peerserver.py

c.txt

'127.0.0.36', 50036.txt

py files > log > '127.0.0.36', 50036.txt

1 socket info

2 Bind info : 127.0.0.36:50036

3 Listen success

4

5

6 [('127.0.0.1', 46720), 'Coversation started']

7 [('127.0.0.1', 46720), '['b', [0, b'k\xda\x06\xc3p\x1b\xa6\x7f\x8bVZ"%\x1a\x99\xbd\x05\x8p\x80[\

8 ['b', "['send', 'c', 'msg', 'sending msg to c from b']"]

9 ['b', ' : ', ['msg', 'sending msg to c from b']]

10 [(['127.0.0.1', 46734), 'Coversation started']

11 [(['127.0.0.1', 46734), '['b', [0, b'k\xda\x06\xc3p\x1b\xa6\x7f\x8bVZ"%\x1a\x99\xbd\x05\x8p\x80[\

12 ['b', "['send', 'c', 'msg', 'sending msg to a and c from b in one command']"]

13 ['b', ' : ', ['msg', 'sending msg to a and c from b in one command']]

14 [(['127.0.0.1', 46928), 'Coversation started']

15 [(['127.0.0.1', 46928), '['x', [1, b'\xbb\xb4{\xc6\x16\x00\t\xd7\xd0}\xab\xffu\x8e\x90\x86\xe6\x0

16 ['x', "['send', 'x', 'msg', 'sending msg in group x from f', 'f']"]

17 [(['x', 'f'), ' : ', ['msg', 'sending msg in group x from f', 'f']]

18 [(['127.0.0.1', 46940), 'Coversation started']

19 [(['127.0.0.1', 46940), '['x', [1, b'\xbb\xb4{\xc6\x16\x00\t\xd7\xd0}\xab\xffu\x8e\x90\x86\xe6\x0

20 ['x', "['send', 'x', 'msg', 'sending msg in group x and y from f in one command', 'f']"]

21 [(['x', 'f'), ' : ', ['msg', 'sending msg in group x and y from f in one command', 'f']]

22 [(['127.0.0.1', 46986), 'Coversation started']

23 [(['127.0.0.1', 46986), '['x', [1, b'\xbb\xb4{\xc6\x16\x00\t\xd7\xd0}\xab\xffu\x8e\x90\x86\xe6\x0

24 ['x', "['send', 'x', 'msg', 'sending msg in group x and y from f in one command', 'f']"]

25 [(['x', 'f'), ' : ', ['msg', 'sending msg in group x and y from f in one command', 'f']]

26 [(['127.0.0.1', 47056), 'Coversation started']

27 [(['127.0.0.1', 47056), '['x', [1, b'\xbb\xb4{\xc6\x16\x00\t\xd7\xd0}\xab\xffu\x8e\x90\x86\xe6\x0

28 ['x', "['send', 'x', 'file', '3.mp3', 'a', '']"]

29 [(['x', 'a'), ' : ', ['file', '3.mp3', 'a', '']]

30

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py files

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user\_info\_json

127.0.0.30:50030

{ } 127.0.0.30:50030.json

127.0.0.32:50032

3.mp3

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quiz2.pdf

127.0.0.34:50034

{ } 127.0.0.34:50034.json

127.0.0.36:50036

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{ } 127.0.0.36:50036.json

127.0.0.38:50038

{ } 127.0.0.38:50038.json

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127.0.0.40:50040

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peerservlog.py

{ } server\_data.json

{ } server\_info.json

OUTLINE

Python 3.8.5 64-bit

Ln 1, Col 1

Spaces: 4

UTF-8

LF

Plain Text



ActivitiesVisual Studio Code

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user\_info\_json

127.0.0.30:50030

127.0.0.30:50030.json

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OUTLINE

peerserver.py

c.txt

'127.0.0.38', 50038.txt

py files > log > '127.0.0.38', 50038.txt

1 socket info

2 Bind info : 127.0.0.38:50038

3 Listen success

4

5

6 [('127.0.0.1', 48940), 'Conversation started']

7 [('127.0.0.1', 48940), "['f', [-5, ['127.0.0.40', 50040]]]"]

8 [('127.0.0.1', 48940), '7f8e62c5c8af21afde05ffb4']

9 [('127.0.0.1', 48942), 'Conversation started']

10 [('127.0.0.1', 48942), "['f', [-6, b'B\\xab5U\\x8b\\xa0\\x89\\x19\\\\\\\\\\\\\\\\xf1\\xbd+\\x96\\xb7\\x15\\xb7\\x9f\\xca\\n']"]

11 [('127.0.0.1', 48944), 'Conversation started']

12 [('127.0.0.1', 48944), "['f', [-7, b'\\xe63I\\x91\\x8f\\xce\\x02d']]"]

13 [('127.0.0.1', 48958), 'Conversation started']

14 [('127.0.0.1', 48958), "['e', [-5, ['127.0.0.34', 50034]]]"]

15 [('127.0.0.1', 48958), 'ebb3a84cfb8bf180cdd5b28c']

16 [('127.0.0.1', 48960), 'Conversation started']

17 [('127.0.0.1', 48960), "['e', [-6, b'm(\\xc0\\xf2\\x89E\\xf1@\\xd7[\\x89\\x82\\xfb\\x982#K\\x1a\\xa6\\\\\\\\\\\\\\\\xcf=\\x']"]

18 [('127.0.0.1', 48970), 'Conversation started']

19 [('127.0.0.1', 48970), "['e', [-7, b'\\xebt\\x19\\x00\\xfd\\xa2<\\x86']]"]

20 [('127.0.0.1', 49008), 'Conversation started']

21 [('127.0.0.1', 49008), "['y', [1, b'\\x91\\xfd\\x0b'\\xd5\\xa6\\x94\\xf8\\x10\\xc08%\\xe7\\xd0\\x85o\\x1a\\xf']"]

22 ['y', "['send', 'y', 'msg', 'sending msg in group x and y from f in one command', 'f', 'f']"]

23 [('y', 'f'), ' : ', ['msg', 'sending msg in group x and y from f in one command', 'f', 'f']]

24 [('127.0.0.1', 49024), 'Conversation started']

25 [('127.0.0.1', 49024), "['b', [-5, ['127.0.0.32', 50032]]]"]

26 [('127.0.0.1', 49024), 'b6b99b48e3db1387f8506c32']

27 [('127.0.0.1', 49026), 'Conversation started']

28 [('127.0.0.1', 49026), "['b', [-6, b'\\xe1\\xd6z\\x06\\xc1\\xa6\\x8bEl\\xe1\\x05B\\x82|\\xb9\\x12pYtQ\\xd7\\x96\\x']"]

29 [('127.0.0.1', 49038), 'Conversation started']

30 [('127.0.0.1', 49038), "['b', [-7, b'%\\x15\\x98 \\x1a\\xe0\\x815']]"]

31 [('127.0.0.1', 49054), 'Conversation started']

32 [('127.0.0.1', 49054), "['y', [1, b'\\x91\\xfd\\x0b'\\xd5\\xa6\\x94\\xf8\\x10\\xc08%\\xe7\\xd0\\x85o\\x1a\\xf']"]

33 ['y', "['send', 'y', 'msg', 'sending msg in group x and y from f in one command', 'f', 'f']"]

34 [('y', 'f'), ' : ', ['msg', 'sending msg in group x and y from f in one command', 'f', 'f']]

35 [('127.0.0.1', 49072), 'Conversation started']

36 [('127.0.0.1', 49072), "['y', [1, b'\\x91\\xfd\\x0b'\\xd5\\xa6\\x94\\xf8\\x10\\xc08%\\xe7\\xd0\\x85o\\x1a\\xf']"]

37 ['y', "['send', 'y', 'msg', 'sending msg in group y from e', 'e']"]

38 [('y', 'e'), ' : ', ['msg', 'sending msg in group y from e', 'e']]

39 [('127.0.0.1', 49084), 'Conversation started']

40 [('127.0.0.1', 49084), "['y', [1, b'\\x91\\xfd\\x0b'\\xd5\\xa6\\x94\\xf87\\x95\\xddF\\xd62\\x0eI\\x9d&\\x11)Y\\x']"]

41 ['y', "['send', 'y', 'file', 'quiz2.pdf', 'e', '']"]

42 [('y', 'e'), ' : ', ['file', 'quiz2.pdf', 'e', '']]

43 [('127.0.0.1', 49142), 'Conversation started']

44 [('127.0.0.1', 49142), "['y', [1, b'\\x91\\xfd\\x0b'\\xd5\\xa6\\x94\\xf87\\x95\\xddF\\xd62\\x0eI\\x9d&\\x11)Y\\x']"]

45 ['y', "['send', 'y', 'file', 'quiz2.pdf', 'e', '']"]

46 [('y', 'e'), ' : ', ['file', 'quiz2.pdf', 'e', '']]

47

Python 3.8.5 64-bit

Ln 1, Col 1

Spaces: 4

UTF-8

LF

Plain Text



## ➤ OUTLINE