

File Edit Selection View Go Run Terminal Help

EXPLORER

> OPEN EDITORS 1 UNSAVED

24_2020201041_2020201060_2020202012_2020201083_ASSIGN_1

py files

> __pycache__

> log

user_info_json

127.0.0.30:50030

{ } 127.0.0.30:50030.json

127.0.0.32:50032

{ } 127.0.0.32:50032.json

127.0.0.34:50034

{ } 127.0.0.34:50034.json

127.0.0.36:50036

{ } 127.0.0.36:50036.json

127.0.0.38:50038

{ } 127.0.0.38:50038.json

127.0.0.40:50040

{ } 127.0.0.40:50040.json

clearrecord.py

dummy.py

keyexchange.py

LoadBalancer.py

msgpassing.py

peer.py

peerclient.py

peerserver.py

peerservlog.py

{ } server_data.json

{ } server_info.json

server.py

serverjson.py

test.py

userjson.py

{ } uuid_info.json

> OUTLINE

peerserver.py

c.txt

c.txt

```
1  signup a a
2
3  signin a wrongpassword
4
5  signin a a
6
7  signup a existinguser
8
9  signup b b
10 signin b b
11
12
13 signup c c
14 signin c c
15
16 send a msg hello to a (c has never talk to a so we'll first exchange key)
17 send b msg hello to b (c has never talk to b so we'll first exchange key)
18
19
20 send c msg sending msg to c from b
21
22 send a,b msg sending msg to a and b from c in one command
23
24
25
26 send x,y msg sending msg in group x and y from i in one command
27
28 send y msg sending msg in group y from e
29 send y,a msg sending msg in group y and user a from e in one command
30
31
32 send x video /home/nisarg/Downloads/3.mp3
33
34 -- from a
35 create x
36
37 -- from b
38 join x
39
```

~/data/assignments/sns/a1/24_2020201041_2020201060_2020202012_2020201083_assign_1/py files/LoadBalancer.py

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EXPLORER

1 UNSAVED

24_2020201041_2020201060_2020202012_2020201083_ASSIGN_1

- py files
 - __pycache__
 - log
 - 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
 - server.py
 - serverjson.py
 - test.py
 - userjson.py
 - uuid_info.json
 - uuidjson.py

OUTLINE

peerserver.py c.txt 127.0.0.30:50030.json X

py files > user_info_json > 127.0.0.30:50030 > 127.0.0.30:50030.json > {} user_info > [] b

```
1 {
2   "user_info": {
3     "c": [
4       "127.0.0.36",
5       50036,
6       "0825cb168c1bc1f0cc0f0703"
7     ],
8     "b": [
9       "127.0.0.32",
10      50032,
11      "2e7b66283f993fd7d30b5e40"
12    ],
13    "f": [
14      "127.0.0.40",
15      50040,
16      "eeaac10f114c9546d5c3e520"
17    ],
18    "e": [
19      "127.0.0.34",
20      50034,
21      "c689cde862bdc7277d9ece1d"
22    ]
23  },
24  "group_info": {
25    "x": [
26      "660b71872b6e438fae41c392",
27      [
28        "a",
29        "127.0.0.30",
30        50030
31      ],
32      [
33        [
34          "b",
35          "127.0.0.32",
36          50032
37        ],
38        [
39          "f",
40          "127.0.0.40",
41          50040
42        ],
43        [
44          "c",
45          "127.0.0.36",
46          50036
47        ]
48      ]
49    ]
50  }
51 }
```