Demo

There is script called nphw3.sh. Before you submit your executable to New E3, please check whether your code is able to run by the script. As same as homework1 we will provide a script called npdemo3.sh for you to download the script and run it.

You can execute the script by following, but there are no regulations:

Change mode of nphw3.sh: chmod u+x nphw3.sh

- C/C++: ./nphw3.sh ./client 127.0.0.1 7890
- Java: ./nphw3.sh "java client" 127.0.0.1 7890
- Python2: ./nphw3.sh "python client.py" 127.0.0.1 7890
- Python3: ./nphw3.sh "python3 client.py" 127.0.0.1 7890

Pane0

```
********************************
**Welcome to the BBS server.**
 ********************************
```

% register user0 user0@qwer.zxcv user0

Register successfully.

% login user0 user0

Welcome, user0.

% create-chatroom 8888

start to create chatroom…

```
***************************
**Welcome to the chatroom**
***************************
```

sys[xx:xx] : user1 join us.

sys[xx:xx] : user2 join us.

user1[xx:xx] : I'm user 1 (first)

user2[xx:xx] : I'm user 2 (first)

I'm chatroom owner user 0 (first)

detach

Welcome back to BBS.

% join-chatroom user3

```
***************************
**Welcome to the chatroom**
***************************
```

hello, I'm user0

user3[xx:xx] : hello, I'm user3

leave-chatroom

Welcome back to BBS.

% logout

Please do "attach" and "leave-chatroom" first.

% attach

```
***************************
**Welcome to the chatroom**
***************************
```

user0[xx:xx] : I'm chatroom owner user 0 (first)

user1[xx:xx] : I'm user 1 (second)

user2[xx:xx] : I'm user 2 (second)
I'm user 0 (third)
user1[xx:xx] : I'm user 1 (third)
user2[xx:xx] : I'm user 2 (third)
sys[xx:xx] : user2 leave us
leave-chatroom
Welcome back to BBS.
% restart-chatroom
start to create chatroom…
****

Welcome to the chatroom
****

user0[xx:xx] : I'm user 0 (third)
user1[xx:xx] : I'm user 1 (third)
user2[xx:xx] : I'm user 2 (third)
leave-chatroom
Welcome back to BBS.
% logout
Bye, user0.
% exit

Pane1

****

** Welcome to the BBS server.**
 ****

% register user1 user1@qwer.zxcv user1
Register successfully.
% login user1 user1
Welcome, user1.
% join-chatroom user0
****

Welcome to the chatroom
****

sys[xx:xx] : user2 join us.
I'm user 1 (first)
user2[xx:xx] : I'm user 2 (first)
user0[xx:xx] : I'm chatroom owner user 0 (first)
I'm user 1 (second)
user2[xx:x] : I'm user 2 (second)
user0[xx:xx] : I'm user 0 (third)
I'm user 1 (third)
user2[xx:xx] : I'm user 2 (third)
sys[xx:xx] : user2 leave us
sys[xx:xx] : the chatroom is close.
Welcome back to BBS.
% list-chatroom
Chatroom_name   Status

```
user0        close
user3        close
```
% logout
Bye, user1.
% exit

Pane2

```
********************************
** Welcome to the BBS server.**
********************************
```
% register user2 user2@qwer.zxcv user2
Register successfully.
% login user2 user2
Welcome, user2.
% join-chatroom user0
```
**************************
```
Welcome to the chatroom
```
**************************
```
user1[xx:xx] : I'm user 1 (first)
I'm user 2 (first)
user0[xx:xx] : I'm chatroom owner user 0 (first)
user1[xx:xx] : I'm user 1 (second)
I'm user 2 (second)
user0[xx:xx] : I'm user 0 (third)
user1[xx:xx] : I'm user 1 (third)
I'm user 2 (third)
leave-chatroom
Welcome back to BBS.
% logout
Bye, user2.
% exit

Pane3

```
********************************
** Welcome to the BBS server.**
 ********************************
```
% register user3 user3@qwer.zxcv user3
Register successfully.
% login user3 user3
Welcome, user3.
% create-chatroom 8889
start to create chatroom…
```
**************************
```
Welcome to the chatroom
```
**************************
```
sys[xx:xx] : user0 join us.

user0[xx:xx] : hello, I'm user0
hello, I'm user3
sys[xx:xx] : user0 leave us
leave-chatroom
Welcome back to BBS.
% list-chatroom
Chatroom_name   Status
user0   open
user3   close
% logout
Bye, user3.
% exit