Client 1

**nihalsharmas-MacBook-Pro:DummyChat nihalsharma$** python3 chat/client.py localhost 5000

Connected to remote host. Start sending messages

**<You>** {'register':'true', 'sender':'987654321'}

**<You>**

Server:Here is your key l100ninlnn. Use it for further communications.

**<You>**

**<You>**

Server:The message received is not in a proper format. Send a valid json with keys - 'message', 'sender', 'receiver', 'token'.

**<You>**

0011001100:Hello User

**<You>** {'message':'Hello User', 'sender':'987654321', 'receiver':'0011001100', 'token':'l100ninlnn'}

**<You>**

123456789:Hello User

**<You>** {'message':'Hello User', 'sender':'987654321', 'receiver':'0011001100', 'token':'l100ninlnde'}

**<You>**

Server:Reveal your identity son. Send me message with your key else send the register packet.

**<You>**

Server:User 123456789 is went offline.

**<You>** {'message':'Hello User', 'sender':'987654321', 'receiver':'123456789', 'token':'l100ninlnde'}

**<You>**

Server:Reveal your identity son. Send me message with your key else send the register packet.

**<You>** {'message':'Hello User', 'sender':'987654321', 'receiver':'123456789', 'token':'l100ninlnn'}

**<You>**

Server:Receiver is not online. He will get the message when he is up.

**<You>**

Server:User 123456789 is now online. You can talk to him.

**<You>**

Client 2

**nihalsharmas-MacBook-Pro:DummyChat nihalsharma$** python3 chat/client.py localhost 5000

Connected to remote host. Start sending messages

**<You>** {'register':'true', 'sender':'0011001100'}

**<You>**

Server:Here is your key 19n18inhha. Use it for further communications.

**<You>** {'message':'Hello User', 'sender':'0011001100', 'receiver':'987654321', 'token':'19n18inhha'}

**<You>**

987654321:Hello User

**<You>**

123456789:Hello User

**<You>**

User 123456789 is went offline.

**<You>** {'message':'Hello User', 'sender':'0011001100', 'receiver':'123456789', 'token':'19n18inhha'}

**<You>**

Server:Receiver is not online. He will get the message when he is up.

**<You>**

User 123456789 is now online. You can talk to him.

<You>

Client 3

**nihalsharmas-MacBook-Pro:DummyChat nihalsharma$** python3 chat/client.py localhost 5000

Server:Connected to remote host. Start sending messages

**<You>** {'register':'true', 'sender':'123456789'}

**<You>**

Server:Here is your key ln8lha1i20. Use it for further communications.

**<You>** {'message':'Hello User', 'sender':'123456789', 'receiver':'0011001100', 'token':'ln8lha1i20'}

**<You>** {'message':'Hello User', 'sender':'123456789', 'receiver':987654321', 'token':'ln8lha1i20'}

<You>

Server:The message received is not in a proper format. Send a valid json with keys - 'message', 'sender', 'receiver', 'token'.

**<You>** {'message':'Hello User', 'sender':'123456789',

'receiver':'987654321', 'token':'ln8lha1i20'}

**Disconnecting**

<You> ^CTraceback (most recent call last):

File "chat/client.py", line 47, in <module>

read\_sockets, write\_sockets, error\_sockets = select.select(socket\_list, [], [])

KeyboardInterrupt

**nihalsharmas-MacBook-Pro:DummyChat nihalsharma$** python3 chat/client.py localhost 5000

Server:Connected to remote host. Start sending messages

**<You>** {'reconnect':'true', 'token':'ln8lha1i20', 'sender':'123456789'}

**<You>**

Server:You have offline messages.

**<You>**

987654321:Hello User

**<You>**

0011001100:Hello User

<You>