

## Starting a server

```
C:\Users\abdul\Desktop\Study\COMP4300\final version>python3 server.py
Server started
```

Creating user with nickname “mynameismax” and joining “roomname”  
As user is created. Welcome prompts and list of commands is showed

```
C:\Users\abdul\Desktop\Study\COMP4300\final version>python3 client.py mynameismax roomname
Welcome to my little chat server! Hope you dont encounter any bugs!
Please read the instructions below to start or just type your messages if you are already in a correct room!

---Welcome to the chat server---
<-commands> to print this command menu again
<-join> <roomname> to join a room. If room does not exist it will be created
<-room> displays your current room
<-roomlist> to display all the rooms
```

Typing the command “-commands” to show the list of available commands

```
-commands

---Welcome to the chat server---
<-commands> to print this command menu again
<-join> <roomname> to join a room. If room does not exist it will be created
<-room> displays your current room
<-roomlist> to display all the rooms
```

Typing the command “-room” to show what room you are in currently

```
-room
You are currently in : roomname
_
```

Creating another user in another cmd prompt and joining “roomname”

```
C:\Users\abdul\Desktop\Study\COMP4300\final version>python3 client.py otheruser roomname
otheruser joined this room!
Welcome to my little chat server! Hope you dont encounter any bugs!
Please read the instructions below to start or just type your messages if you are already in a correct room!

---Welcome to the chat server---
<-commands> to print this command menu again
<-join> <roomname> to join a room. If room does not exist it will be created
<-room> displays your current room
<-roomlist> to display all the rooms
```

Text that is shown other users in the same room when another user joins

```
otheruser joined this room!
```

User typing text and sending it to other users in the same room

```
hello! Im otheruser  
otheruser: hello! Im otheruser
```

Text that is shown to users when some user types and sends a message

```
otheruser joined this room!  
otheruser: hello! Im otheruser
```

Typing the command “-roomlist” to show the list of rooms with capacity available and all users inside

```
-roomlist  
  
Rooms:  
roomname [2/5][['mynameismax', 'otheruser']]
```

Joining other room, which does not exist so it is created, and typing “-roomlist” command to show that user changed the room.

```
-join otherroom  
-roomlist  
  
Rooms:  
roomname [1/5][['otheruser']]  
otherroom [1/5][['mynameismax']]
```

Message that is sent when user tries to send an empty message

```
Please enter message  
Please enter message  
Please enter message
```