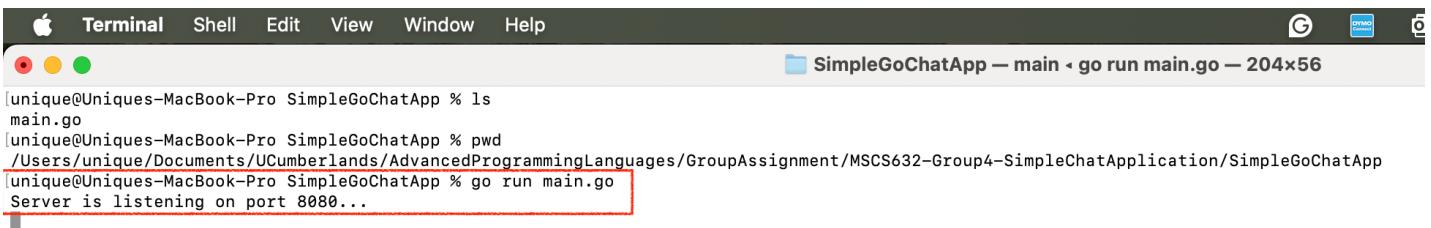


Rust Implementation Evidence

- 1) Below is the screenshot of running the GoLang application.



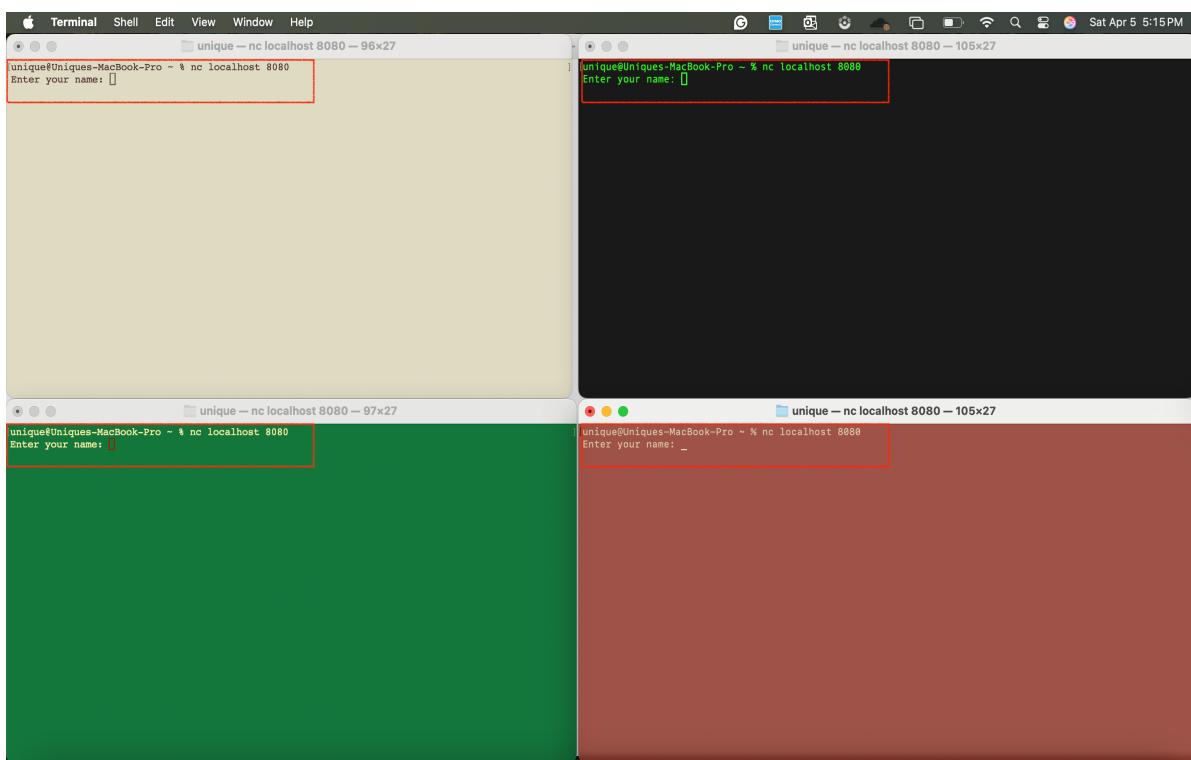
A screenshot of a Mac OS X Terminal window titled "SimpleGoChatApp — main · go run main.go — 204x56". The window shows the following command-line session:

```
unique@Uniques-MacBook-Pro SimpleGoChatApp % ls
main.go
unique@Uniques-MacBook-Pro SimpleGoChatApp % pwd
/Users/unique/Documents/UCumberlands/AdvancedProgrammingLanguages/GroupAssignment/MSCS632-Group4-SimpleChatApplication/SimpleGoChatApp
unique@Uniques-MacBook-Pro SimpleGoChatApp % go run main.go
Server is listening on port 8080...
```

The last line, "Server is listening on port 8080...", is highlighted with a red box.

- 2) After the application runs, it can be accessed through different terminals, each acting as a separate user.

Following is the screenshot, where we started four terminals to replicate four users.



3) Instantiated two users initially.

The image shows four terminal windows arranged in a 2x2 grid. All windows have the title 'unique — nc localhost 8080'.
Top-left window (Yellow background):
User: Enter your name: Unique
System: *****
System: - Type 'exit' to leave
System: - Type '/search <query>' to search by keyword
System: - Type '/user <username>' to search by user
System: - Type any other message to chat
System: *****
System: *** Unique joined at 2025-04-05 17:17:17 ***
System: > *** Chetan joined at 2025-04-05 17:17:21 ***
Top-right window (Black background):
User: Enter your name: Chetan
System: *****
System: - Type 'exit' to leave
System: - Type '/search <query>' to search by keyword
System: - Type '/user <username>' to search by user
System: - Type any other message to chat
System: *****
System: *** Chetan joined at 2025-04-05 17:17:21 ***
Bottom-left window (Green background):
User: Enter your name: [redacted]
Bottom-right window (Red background):
User: Enter your name: [redacted]

4) Instantiate two more users. Here, we can see what time the users joined the conversation.

The image shows four terminal windows arranged in a 2x2 grid. All windows have the title 'unique — nc localhost 8080'.
Top-left window (Yellow background):
User: Enter your name: Unique
System: *****
System: - Type 'exit' to leave
System: - Type '/search <query>' to search by keyword
System: - Type '/user <username>' to search by user
System: - Type any other message to chat
System: *****
System: *** Unique joined at 2025-04-05 17:17:17 ***
System: > *** Chetan joined at 2025-04-05 17:17:21 ***
System: *** Tejeswar joined at 2025-04-05 17:18:18 ***
System: *** Sana joined at 2025-04-05 17:18:24 ***
Top-right window (Black background):
User: Enter your name: Chetan
System: *****
System: - Type 'exit' to leave
System: - Type '/search <query>' to search by keyword
System: - Type '/user <username>' to search by user
System: - Type any other message to chat
System: *****
System: *** Chetan joined at 2025-04-05 17:17:21 ***
System: > *** Tejeswar joined at 2025-04-05 17:18:18 ***
System: *** Sana joined at 2025-04-05 17:18:24 ***
Bottom-left window (Green background):
User: Enter your name: Tejeswar
System: *****
System: - Type 'exit' to leave
System: - Type '/search <query>' to search by keyword
System: - Type '/user <username>' to search by user
System: - Type any other message to chat
System: *****
System: *** Tejeswar joined at 2025-04-05 17:18:18 ***
System: > *** Sana joined at 2025-04-05 17:18:24 ***
Bottom-right window (Red background):
User: Enter your name: Sana
System: *****
System: - Type 'exit' to leave
System: - Type '/search <query>' to search by keyword
System: - Type '/user <username>' to search by user
System: - Type any other message to chat
System: *****
System: *** Sana joined at 2025-04-05 17:18:24 ***
System: > -

5) Start a conversation.

The image shows four terminal windows on a Mac OS X desktop. Each window has a title bar indicating it's connected to nc localhost 8080. The windows are arranged in a 2x2 grid. The top-left window shows Unique joining at 17:18:24. The top-right window shows Chetan joining at 17:18:21. The bottom-left window shows Tejeswar joining at 17:18:18. The bottom-right window shows Sana joining at 17:18:24. All users are sending 'Hello ALL' messages. A red box highlights the initial join messages and the 'Hello ALL' responses.

```

unique@Uniques-MacBook-Pro ~ % nc localhost 8080 - 96x27
Enter your name: Unique
*****
- Type 'exit' to leave
- Type '/search <query>' to search by keyword
- Type '/user <username>' to search by user
- Type any other message to chat
*****  

*** Unique joined at 2025-04-05 17:18:17 ***
> *** Chetan joined at 2025-04-05 17:17:21 ***
*** Tejeswar joined at 2025-04-05 17:18:18 ***
*** Sana joined at 2025-04-05 17:18:24 ***
Hi Everyone!!!
[2025-04-05 17:19:33] Unique: Hi Everyone!!!
> [2025-04-05 17:19:36] Chetan: Hello ALL
[2025-04-05 17:19:39] Tejeswar: Hi Team
[2025-04-05 17:19:43] Sana: Hey ALL!  

unique@Uniques-MacBook-Pro ~ % nc localhost 8080 - 105x27
Enter your name: Chetan
*****
- Type 'exit' to leave
- Type '/search <query>' to search by keyword
- Type '/user <username>' to search by user
- Type any other message to chat
*****  

*** Chetan joined at 2025-04-05 17:17:21 ***
> *** Tejeswar joined at 2025-04-05 17:18:18 ***
*** Sana joined at 2025-04-05 17:18:24 ***
[2025-04-05 17:19:33] Unique: Hi Everyone!!!
[2025-04-05 17:19:36] Chetan: Hello ALL
[2025-04-05 17:19:39] Tejeswar: Hi Team
[2025-04-05 17:19:43] Sana: Hey ALL!  

unique@Uniques-MacBook-Pro ~ % nc localhost 8080 - 97x27
Enter your name: Tejeswar
*****
- Type 'exit' to leave
- Type '/search <query>' to search by keyword
- Type '/user <username>' to search by user
- Type any other message to chat
*****  

*** Tejeswar joined at 2025-04-05 17:18:18 ***
> *** Sana joined at 2025-04-05 17:18:24 ***
[2025-04-05 17:19:33] Unique: Hi Everyone!!!
[2025-04-05 17:19:36] Chetan: Hello ALL
[2025-04-05 17:19:39] Tejeswar: Hi Team
[2025-04-05 17:19:43] Sana: Hey ALL!
How are you all?
[2025-04-05 17:21:16] Unique: How are you all?
> [2025-04-05 17:21:30] Chetan: I am good what about you all?
[2025-04-05 17:21:32] Tejeswar: Good here
[2025-04-05 17:21:36] Sana: I am good.
[2025-04-05 17:21:48] Sana: Are you all done with assignments?
Yes.
[2025-04-05 17:21:51] Unique: Yes..
> [2025-04-05 17:21:55] Chetan: Almost done.
[2025-04-05 17:21:59] Tejeswar: Yes Completed.
[2025-04-05 17:22:49] Chetan: OK nice.
And weekend?
[2025-04-05 17:23:10] Unique: Any weekend plans?
> [2025-04-05 17:23:19] Chetan: Yes, going hiking.. what about you all
[2025-04-05 17:23:21] Tejeswar: Nothing for me
[2025-04-05 17:23:27] Sana: Doing assignments.
No plan for me.
[2025-04-05 17:23:35] Unique: No plan for me. :(
-> Sana: I am dropping off for another work. Take care.
[2025-04-05 17:23:51] Unique: ok. I am dropping off for another work. Take care.  

unique@Uniques-MacBook-Pro ~ % nc localhost 8080 - 105x27
Enter your name: Sana
*****
- Type 'exit' to leave
- Type '/search <query>' to search by keyword
- Type '/user <username>' to search by user
- Type any other message to chat
*****  

*** Sana joined at 2025-04-05 17:18:24 ***
> [2025-04-05 17:19:33] Unique: Hi Everyone!!!
[2025-04-05 17:19:36] Chetan: Hello ALL
[2025-04-05 17:19:39] Tejeswar: Hi Team
[2025-04-05 17:19:43] Sana: Hey ALL!
Hello ALL
[2025-04-05 17:19:53] Unique: Hi Everyone!!!
[2025-04-05 17:19:56] Chetan: Hello ALL
[2025-04-05 17:19:59] Tejeswar: Hi Team
[2025-04-05 17:20:03] Sana: Hey ALL!  


```

The image shows four terminal windows on a Mac OS X desktop. The windows are arranged in a 2x2 grid. The top-left window shows Unique joining at 17:18:24. The top-right window shows Chetan joining at 17:18:24. The bottom-left window shows Tejeswar joining at 17:18:18. The bottom-right window shows Sana joining at 17:18:24. The conversation continues with users asking about weekend plans and doing assignments. A red box highlights the initial join messages and the exchange about weekend plans and assignments.

```

unique@Uniques-MacBook-Pro ~ % nc localhost 8080 - 96x27
Enter your name: Unique
*****
- Type 'exit' to leave
- Type '/search <query>' to search by keyword
- Type '/user <username>' to search by user
- Type any other message to chat
*****  

*** Unique joined at 2025-04-05 17:18:24 ***
> *** Chetan joined at 2025-04-05 17:18:24 ***
[2025-04-05 17:19:33] Unique: Hi Everyone!!!
[2025-04-05 17:19:36] Chetan: Hello ALL
[2025-04-05 17:19:39] Tejeswar: Hi Team
[2025-04-05 17:19:43] Sana: Hey ALL!
How are you all?
[2025-04-05 17:21:16] Unique: How are you all?
> [2025-04-05 17:21:30] Chetan: I am good what about you all?
[2025-04-05 17:21:32] Tejeswar: Good here
[2025-04-05 17:21:36] Sana: I am good.
[2025-04-05 17:21:48] Sana: Are you all done with assignments?
Yes.
[2025-04-05 17:21:51] Unique: Yes..
> [2025-04-05 17:21:55] Chetan: Almost done.
[2025-04-05 17:21:59] Tejeswar: Yes Completed.
[2025-04-05 17:22:49] Chetan: OK nice.
-> Sana: I am dropping off for another work. Take care.
[2025-04-05 17:23:51] Unique: ok. I am dropping off for another work. Take care.  

unique@Uniques-MacBook-Pro ~ % nc localhost 8080 - 105x27
Enter your name: Chetan
*****
- Type 'exit' to leave
- Type '/search <query>' to search by keyword
- Type '/user <username>' to search by user
- Type any other message to chat
*****  

*** Chetan joined at 2025-04-05 17:18:24 ***
> *** Tejeswar joined at 2025-04-05 17:18:18 ***
*** Sana joined at 2025-04-05 17:18:24 ***
[2025-04-05 17:19:33] Unique: Hi Everyone!!!
[2025-04-05 17:19:36] Chetan: Hello ALL
[2025-04-05 17:19:39] Tejeswar: Hi Team
[2025-04-05 17:19:43] Sana: Hey ALL!
Hello ALL
[2025-04-05 17:19:53] Unique: Hi Everyone!!!
[2025-04-05 17:19:56] Chetan: Hello ALL
[2025-04-05 17:19:59] Tejeswar: Hi Team
[2025-04-05 17:20:03] Sana: Hey ALL!  

unique@Uniques-MacBook-Pro ~ % nc localhost 8080 - 97x27
Enter your name: Tejeswar
*****
- Type 'exit' to leave
- Type '/search <query>' to search by keyword
- Type '/user <username>' to search by user
- Type any other message to chat
*****  

*** Tejeswar joined at 2025-04-05 17:18:18 ***
> *** Sana joined at 2025-04-05 17:18:24 ***
[2025-04-05 17:19:33] Unique: Hi Everyone!!!
[2025-04-05 17:19:36] Chetan: Hello ALL
[2025-04-05 17:19:39] Tejeswar: Hi Team
[2025-04-05 17:19:43] Sana: Hey ALL!
How are you all?
[2025-04-05 17:21:16] Unique: How are you all?
> [2025-04-05 17:21:30] Chetan: I am good what about you all?
[2025-04-05 17:21:32] Tejeswar: Good here
[2025-04-05 17:21:36] Sana: I am good.
[2025-04-05 17:21:48] Sana: Are you all done with assignments?
Yes.
[2025-04-05 17:21:51] Unique: Yes..
-> [2025-04-05 17:21:55] Chetan: Almost done.
[2025-04-05 17:21:59] Tejeswar: Yes Completed.
[2025-04-05 17:22:49] Chetan: OK nice.
-> Sana: I am dropping off for another work. Take care.
[2025-04-05 17:23:51] Unique: ok. I am dropping off for another work. Take care.  

unique@Uniques-MacBook-Pro ~ % nc localhost 8080 - 105x27
Enter your name: Sana
*****
- Type 'exit' to leave
- Type '/search <query>' to search by keyword
- Type '/user <username>' to search by user
- Type any other message to chat
*****  

*** Sana joined at 2025-04-05 17:18:24 ***
> [2025-04-05 17:19:33] Unique: Hi Everyone!!!
[2025-04-05 17:19:36] Chetan: Hello ALL
[2025-04-05 17:19:39] Tejeswar: Hi Team
[2025-04-05 17:19:43] Sana: Hey ALL!
Hello ALL
[2025-04-05 17:19:53] Unique: Hi Everyone!!!
[2025-04-05 17:19:56] Chetan: Hello ALL
[2025-04-05 17:19:59] Tejeswar: Hi Team
[2025-04-05 17:20:03] Sana: Hey ALL!  


```

6) User leaving the conversation.

The screenshot shows two terminal windows. The left window is titled "unique -- zsh - 96x27" and the right window is titled "unique -- nc localhost 8080 - 105x27". Both windows show a transcript of a conversation between users "unique", "Sana", "Chetan", and "Tejeswar". The conversation ends with "unique" exiting the session.

```

Hi Everyone!!!
[2025-04-05 17:27:50] Unique: Hi Everyone!!!
> [2025-04-05 17:27:59] Chetan: Hello ALL
[2025-04-05 17:28:09] Tejeswar: Hi Team
[2025-04-05 17:28:17] Sana: Hey ALL
How are you all?
[2025-04-05 17:28:21] Unique: How are you all?
> [2025-04-05 17:28:37] Chetan: I am good what about you all?
[2025-04-05 17:28:44] Tejeswar: Good Here
[2025-04-05 17:28:48] Sana: I am good
[2025-04-05 17:29:01] Sana: Are you all done with your assignments?
Yes..
[2025-04-05 17:29:00] Unique: Yes..
> [2025-04-05 17:29:14] Chetan: Almost done.
[2025-04-05 17:29:20] Tejeswar: Yes Completed.
[2025-04-05 17:29:27] Chetan: OK nice.
Any weekend plans?
[2025-04-05 17:29:49] Unique: Any weekend plans?
> [2025-04-05 17:30:08] Chetan: Yes going hiking.. what about you all
[2025-04-05 17:30:17] Tejeswar: Nothing for me
[2025-04-05 17:30:23] Sana: Doing assignments.
No plan for me. :(
[2025-04-05 17:30:35] Unique: No plan for me. :(
> ok. I am dropping off for another work. Take care.
[2025-04-05 17:31:12] Unique: ok. I am dropping off for another work. Take care.
> exit
unique@Unique-MacBook-Pro ~ %

```

```

*** Sana joined at 2025-04-05 17:27:34 ***
[2025-04-05 17:27:59] Unique: Hi Everyone!!!
> [2025-04-05 17:28:09] Chetan: Hello ALL
[2025-04-05 17:28:17] Sana: Hey ALL
How are you all?
[2025-04-05 17:28:21] Unique: How are you all?
> [2025-04-05 17:28:37] Chetan: I am good what about you all?
[2025-04-05 17:28:44] Tejeswar: Good Here
[2025-04-05 17:28:48] Sana: I am good
Are you all done with your assignments?
[2025-04-05 17:29:01] Unique: Yes..
> [2025-04-05 17:29:14] Chetan: Almost done.
[2025-04-05 17:29:20] Tejeswar: Yes Completed.
[2025-04-05 17:29:27] Chetan: OK nice.
[2025-04-05 17:29:49] Unique: Any weekend plans?
> [2025-04-05 17:30:08] Chetan: Yes going hiking.. what about you all
[2025-04-05 17:30:17] Tejeswar: Nothing for me
[2025-04-05 17:30:23] Sana: Doing assignments.
[2025-04-05 17:30:35] Unique: No plan for me. :(
[2025-04-05 17:31:12] Unique: ok. I am dropping off for another work. Take care.
*** Unique left at 2025-04-05 17:31:18 ***

```

7) Search messages by keyword.

The screenshot shows three terminal windows. The left window is titled "unique -- zsh - 96x27", the middle window is titled "unique -- nc localhost 8080 - 105x27", and the right window is titled "unique -- nc localhost 8080 - 105x27". The middle window shows a search for the keyword "weekend". The results are displayed in a red box.

```

Hi Everyone!!!
[2025-04-05 17:27:50] Unique: Hi Everyone!!!
> [2025-04-05 17:27:59] Chetan: Hello ALL
[2025-04-05 17:28:09] Tejeswar: Hi Team
[2025-04-05 17:28:17] Sana: Hey ALL
How are you all?
[2025-04-05 17:28:21] Unique: How are you all?
> [2025-04-05 17:28:37] Chetan: I am good what about you all?
[2025-04-05 17:28:44] Tejeswar: Good Here
[2025-04-05 17:28:48] Sana: I am good
[2025-04-05 17:29:01] Sana: Are you all done with your assignments?
Yes..
[2025-04-05 17:29:00] Unique: Yes..
> [2025-04-05 17:29:14] Chetan: Almost done.
[2025-04-05 17:29:20] Tejeswar: Yes Completed.
[2025-04-05 17:29:27] Chetan: OK nice.
Any weekend plans?
[2025-04-05 17:29:49] Unique: Any weekend plans?
> [2025-04-05 17:30:08] Chetan: I am going hiking.. what about you all
[2025-04-05 17:30:17] Tejeswar: Nothing for me
[2025-04-05 17:30:23] Sana: Doing assignments.
No plan for me. :(
[2025-04-05 17:30:35] Unique: No plan for me. :(
> ok. I am dropping off for another work. Take care.
[2025-04-05 17:31:12] Unique: ok. I am dropping off for another work. Take care.
> exit
unique@Unique-MacBook-Pro ~ %

```

```

*** Tejeswar joined at 2025-04-05 17:27:32 ***
> *** Sana joined at 2025-04-05 17:27:34 ***
[2025-04-05 17:27:50] Unique: Hi Everyone!!!
[2025-04-05 17:27:59] Chetan: Hello ALL
[2025-04-05 17:28:09] Tejeswar: Hi Team
[2025-04-05 17:28:17] Sana: Hey ALL
How are you all?
[2025-04-05 17:28:21] Unique: How are you all?
> [2025-04-05 17:28:37] Chetan: I am good what about you all?
[2025-04-05 17:28:44] Tejeswar: Good Here
[2025-04-05 17:28:48] Sana: I am good
[2025-04-05 17:29:01] Sana: Are you all done with your assignments?
Yes..
[2025-04-05 17:29:00] Unique: Yes..
> [2025-04-05 17:29:14] Chetan: Almost done.
[2025-04-05 17:29:20] Tejeswar: Yes Completed.
[2025-04-05 17:29:27] Chetan: OK nice.
Any weekend plans?
[2025-04-05 17:29:49] Unique: Any weekend plans?
> [2025-04-05 17:30:08] Chetan: I am going hiking.. what about you all
[2025-04-05 17:30:17] Tejeswar: Nothing for me
[2025-04-05 17:30:23] Sana: Doing assignments.
No plan for me. :(
[2025-04-05 17:30:35] Unique: No plan for me. :(
> ok. I am dropping off for another work. Take care.
[2025-04-05 17:31:12] Unique: ok. I am dropping off for another work. Take care.
> search weekend
Search results by keyword:
[2025-04-05 17:29:49] Unique: Any weekend plans?
*** Unique left at 2025-04-05 17:31:18 ***

```

```

*** Sana joined at 2025-04-05 17:27:34 ***
[2025-04-05 17:27:59] Unique: Hi Everyone!!!
[2025-04-05 17:28:09] Chetan: Hello ALL
[2025-04-05 17:28:17] Sana: Hey ALL
How are you all?
[2025-04-05 17:28:21] Unique: How are you all?
> [2025-04-05 17:28:37] Chetan: I am good what about you all?
[2025-04-05 17:28:44] Tejeswar: Good Here
[2025-04-05 17:28:48] Sana: I am good
Are you all done with your assignments?
[2025-04-05 17:29:01] Unique: Yes..
> [2025-04-05 17:29:14] Chetan: Almost done.
[2025-04-05 17:29:20] Tejeswar: Yes Completed.
[2025-04-05 17:29:27] Chetan: OK nice.
[2025-04-05 17:29:49] Unique: Any weekend plans?
> [2025-04-05 17:30:08] Chetan: I am going hiking.. what about you all
[2025-04-05 17:30:17] Tejeswar: Nothing for me
[2025-04-05 17:30:23] Sana: Doing assignments.
[2025-04-05 17:30:35] Unique: No plan for me. :(
[2025-04-05 17:31:12] Unique: ok. I am dropping off for another work. Take care.
*** Unique left at 2025-04-05 17:31:18 ***

```

Search by keyword can be done by running the command: **/search <keyword>**

Note here that the user who searches for the keyword, only that user gets the response.

8) Search user and display the messages.

```
unique -- zsh - 96x27 unique -- nc localhost 8080 - 105x27
Bi Everyone!!!
> [2025-04-05 17:27:50] Unique: Bi Everyone!!!
[2025-04-05 17:27:50] Unique: Hi Everyone!!!
> [2025-04-05 17:27:50] Chetan: Hello ALL
[2025-04-05 17:28:09] Tejewar: Hi Team
[2025-04-05 17:28:17] Sana: Hey ALL
[2025-04-05 17:28:17] Unique: Are you all done with your assignments?
> [2025-04-05 17:28:27] Unique: How are you all?
> [2025-04-05 17:28:37] Chetan: I am good what about you all?
[2025-04-05 17:28:44] Tejewar: Good Here
[2025-04-05 17:28:44] Sana: I am good
[2025-04-05 17:29:01] Sana: Are you all done with your assignments? Yes.
> [2025-04-05 17:29:03] Unique: Yes.
> [2025-04-05 17:29:14] Chetan: Almost done.
[2025-04-05 17:29:20] Tejewar: Yes Completed.
[2025-04-05 17:29:27] Chetan: OK nice.
[2025-04-05 17:29:49] Unique: Any weekend plans?
> [2025-04-05 17:30:08] Chetan: Yes going hiking.. what about you all
[2025-04-05 17:30:17] Tejewar: Nothing for me
[2025-04-05 17:30:17] Sana: Doing assignments.
No plan for me :(
[2025-04-05 17:30:35] Unique: No plan for me. :( I am dropping off for another work. Take care.
[2025-04-05 17:31:12] Unique: ok. I am dropping off for another work. Take care.
> exit
unique@Unique-MacBook-Pro ~ % [ ] unique -- nc localhost 8080 - 97x27 unique -- nc localhost 8080 - 105x27
User Unique
Search results by user:
[2025-04-05 17:27:50] Unique: Hi Everyone!!!
[2025-04-05 17:27:50] Unique: How are you all?
> [2025-04-05 17:28:08] Unique: Yes..
[2025-04-05 17:29:49] Unique: Any weekend plans?
[2025-04-05 17:30:08] Unique: No plan for me. :(
[2025-04-05 17:30:12] Unique: ok. I am dropping off for another work. Take care.
> /user Sana
Search results by user:
[2025-04-05 17:27:50] Sana: Hey ALL
[2025-04-05 17:28:40] Sana: I am good
[2025-04-05 17:29:01] Sana: Are you all done with your assignments?
> [2025-04-05 17:29:23] Sana: Doing assignments.
> /user Chetan
Search results by user:
[2025-04-05 17:27:50] Chetan: Hello ALL
[2025-04-05 17:28:40] Chetan: I am good what about you all?
[2025-04-05 17:29:14] Chetan: Almost done.
[2025-04-05 17:29:27] Chetan: OK nice.
[2025-04-05 17:29:49] Chetan: Yes going hiking.. what about you all
> /user Tejewar
Search results by user:
[2025-04-05 17:28:09] Tejewar: Hi Team
[2025-04-05 17:28:16] Tejewar: Good Here
[2025-04-05 17:29:20] Tejewar: Yes Completed.
[2025-04-05 17:30:17] Tejewar: Nothing for me
[2025-04-05 17:27:59] Chetan: Hello ALL
[2025-04-05 17:28:08] Tejewar: Hi Team
[2025-04-05 17:28:27] Unique: How are you all?
I am good what about you all?
[2025-04-05 17:28:37] Chetan: I am good what about you all?
[2025-04-05 17:28:48] Tejewar: Good Here
[2025-04-05 17:29:01] Sana: I am good
[2025-04-05 17:29:08] Unique: Yes.. Almost done.
[2025-04-05 17:29:14] Chetan: Almost done.
[2025-04-05 17:29:28] Tejewar: Yes Completed.
OK nice.
[2025-04-05 17:29:27] Chetan: OK nice.
[2025-04-05 17:29:49] Unique: Any weekend plans? Yes.
[2025-04-05 17:30:08] Chetan: Yes going hiking.. what about you all
> [2025-04-05 17:30:17] Tejewar: Nothing for me
[2025-04-05 17:30:17] Sana: Doing assignments.
[2025-04-05 17:31:12] Unique: ok. I am dropping off for another work. Take care.
*** Unique left at 2025-04-05 17:31:18 ***
User search results
Search results by keyword:
[2025-04-05 17:29:49] Unique: Any weekend plans?
> [ ]
```

Search by user can be done by running the command: `/user <username>`

Note here that the user who searches for the user, only that user gets the response.

```
apple Terminal Shell Edit View Window Help unique --zsh - 96x27 unique --zsh - 96x27 unique --zsh - 105x27

Hi Everyone!!! [2025-04-05 17:27:50] Unique: Hi Everyone!!!
> [2025-04-05 17:27:59] Cheetan: Hello ALL!!!
[2025-04-05 17:28:09] Tejewswar: Hi Team
[2025-04-05 17:28:17] Sana: Hey All!
How are you all? [2025-04-05 17:28:27] Unique: How are you all?
> [2025-04-05 17:28:37] Cheetan: I am good what about you all?
[2025-04-05 17:28:44] Tejewswar: Good Here
[2025-04-05 17:28:49] Sana: I am good
[2025-04-05 17:29:01] Sana: Are you all done with your assignments?
Yes.. [2025-04-05 17:29:08] Unique: Yes..
[2025-04-05 17:29:14] Cheetan: Almost done.
[2025-04-05 17:29:20] Tejewswar: Yes Completed.
[2025-04-05 17:29:27] Cheetan: OK nice.
Any weekend plans? [2025-04-05 17:30:09] Unique: Any weekend plans?
[2025-04-05 17:30:09] Cheetan: Yes going hiking.. what about you all
[2025-04-05 17:30:17] Tejewswar: Nothing for me
[2025-04-05 17:30:23] Sana: Doing assignments.
No plan for me.. [2025-04-05 17:30:35] Unique: No plan for me. :(
> ok I am dropping off for another work. Take care.
[2025-04-05 17:31:11] Unique: ok. I am dropping off for another work. Take care.
> exit
unique@Unique-MacBook-Pro ~ |
```



```
unique --zsh - 97x27 unique --zsh - 97x27 unique --zsh - 105x27

[2025-04-05 17:27:50] Unique: Hi Everyone!!!
[2025-04-05 17:27:59] Cheetan: Hello ALL!!!
[2025-04-05 17:28:09] Tejewswar: Hi Team
Hey ALL! [2025-04-05 17:28:17] Sana: Hey ALL!
[2025-04-05 17:28:27] Unique: How are you all?
[2025-04-05 17:28:37] Cheetan: I am good what about you all?
[2025-04-05 17:28:44] Tejewswar: Good Here
I am good [2025-04-05 17:28:48] Sana: I am good
> Are you all done with your assignments?
[2025-04-05 17:29:01] Sana: Are you all done with your assignments?
[2025-04-05 17:29:08] Unique: Yes..
[2025-04-05 17:29:14] Cheetan: Almost done.
[2025-04-05 17:29:20] Tejewswar: Yes Completed.
[2025-04-05 17:29:27] Cheetan: OK nice.
[2025-04-05 17:29:49] Unique: Any weekend plans?
*** Tejewswar left at 2025-04-05 17:36:34 ***
*** Sana left at 2025-04-05 17:36:36 ***
```



```
unique@Unique-MacBook-Pro ~ |
```

9) More testing on search keywords and search users.

```
unique -- -zsh -- 1: /search weekend
Search results by keyword:
[2025-04-05 17:29:49] Unique: Any weekend plans?
> *** Tejeswar left at 2025-04-05 17:36:34 ***
*** Sana left at 2025-04-05 17:36:36 ***
/search happy
No results found.
> /search computer
No results found.
> /search off
Search results by keyword:
[2025-04-05 17:31:12] Unique: ok. I am dropping off for another work. Take care.
> /search about
Search results by keyword:
[2025-04-05 17:28:37] Chetan: I am good what about you all?
[2025-04-05 17:30:08] Chetan: Yes going hiking.. what about you all
> /search .
Search results by keyword:
[2025-04-05 17:29:08] Unique: Yes..
[2025-04-05 17:29:14] Chetan: Almost done.
[2025-04-05 17:29:20] Tejeswar: Yes Completed.
[2025-04-05 17:29:27] Chetan: OK nice.
[2025-04-05 17:30:08] Chetan: Yes going hiking.. what about you all
[2025-04-05 17:30:23] Sana: Doing assignments.
[2025-04-05 17:30:35] Unique: No plan for me. :(
[2025-04-05 17:31:12] Unique: ok. I am dropping off for another work. Take care.
> search Yes
[2025-04-05 17:38:11] Chetan: search Yes
> /user abc
No results found.
> /user Unique
Search results by user:
[2025-04-05 17:27:50] Unique: Hi Everyone!!!
[2025-04-05 17:28:27] Unique: How are you all?
[2025-04-05 17:29:08] Unique: Yes..
[2025-04-05 17:29:49] Unique: Any weekend plans?
[2025-04-05 17:30:35] Unique: No plan for me. :(
[2025-04-05 17:31:12] Unique: ok. I am dropping off for another work. Take care.
> /search you
Search results by keyword:
[2025-04-05 17:28:27] Unique: How are you all?
[2025-04-05 17:28:37] Chetan: I am good what about you all?
[2025-04-05 17:29:01] Sana: Are you all done with your assignments?
[2025-04-05 17:30:08] Chetan: Yes going hiking.. what about you all
> exit
```