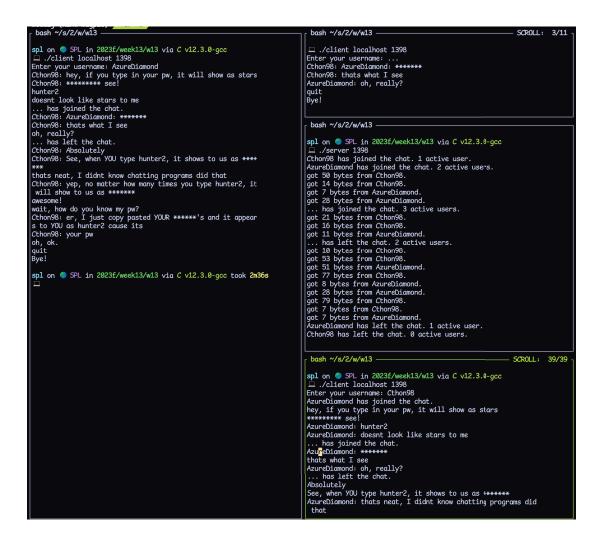
Lab Exercise

- Make a chatting room using poll()
 - The clients should insert the user's username
 - The client should be under an infinite loop with conditional exit ("quit")
 - When a client sends a message, the server receives the message and sends it to the other clients
 - When a client joins or leaves the chatting room, server sends a message with the number of current clients to other clients
 - Check if the POLLIN bit of revents is set for a specific fd to check if there is input (i.e., fd_struct.revents & POLLIN)
 - Hint: poll() is needed on both the client and the server.
 - Timeout is <u>not</u> needed

```
» e.g., poll(fds, nfds, -1);
```

Lab Exercise

Running example



Exercise Submission

- Submit your source code and Makefile
 - The make command should generate a w13 executable.
 - via iCampus
 - Bundle source code and Makefile with tar command
 - » tar.gz format
 - **\$ tar cvzf** [student_id].tar.gz week13
 - We'll grade your submission with make
 - » If compilation fails, your points for this exercise will be zero