System Programming Final Exam 2020 Spring Class 1

Modify your chatting code so that it supports only group talk. A client will choose a group instead of a partner and his/her message will be broadcasted to all members in that group. If a client says "bye" the server should remove the client from the system. The client also should exit when the user types "bye". Copy and paste the full source code (or source code capture), output capture, and brief explanation whether it is working or not (and if not where it is not working).

cli => serv: hello

serv => cli: name?

cli=> serv: aaa

serv => cli: group name?

cli => serv : A

serv => cli: go

cli => serv: hello

serv => cli: name?

cli=> serv: bbb

serv => cli: group name?

cli => serv: A

serv => cli: go

cli => serv: hello

serv => cli: name?

cli=> serv: ccc

serv => cli: group name?

cli => serv: B

serv => cli: go

cli => serv: hello

serv => cli: name?

cli=> serv: ddd

serv => cli: group name?

cli => serv : A

serv => cli: go

cli aaa => server: hello

serv => cli bbb : hello

serv => cli ddd: hello