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Server.java   ClientT1.java ✕

```
27                                          + "   Push Victoria, {Jim, Bill}, Hello!!\n\n"
28                                          + "3) Pull username : Retrieves all messages for the specified user in order.\n"
29                                          + "   Pull Victoria\n\n"
30                                          + "4) KnowOthers : provides a list of all users on the communication server.\n\n"
```

🔴 Problems   @ Javadoc   📄 Declaration   🖥 Console ✕

`<terminated> ClientT1 [Java Application] C:\Users\Joseph\AppData\Local\Programs\Eclipse Foundation\jdk-11.0.12.7-hotspot\bin\javaw.exe (Dec 6, 2021, 9:29:15 PM – 9:34:31 PM)`

```
     Newclient Victoria

2) Push username, {recievers}, message : Send a message to one or more specified recievers.
     Push Victoria, {Jim, Bill}, Hello!!

3) Pull username : Retrieves all messages for the specified user in order.
     Pull Victoria

4) KnowOthers : provides a list of all users on the communication server.

5) Exit : terminates the connection with the communication server.
_____


newclient jim
Welcome to our communication server, you are added as our new client.
newclient jen
Welcome to our communication server, you are added as our new client.
newclient jim2!
Welcome to our communication server, you are added as our new client.
newclient jim bob
Username cannot contain space(s) between characters.
     PuSh     jon,     {     jen,      jim2!},          hello!
This username doesn't exist.
     PuSh     jim,     {     jen,      jim2!},          hello!
The message was successfully forwarded to the reciever(s).
push jen, {jen, jim2!, jim}, test broadcast
The message was successfully forwarded to the reciever(s).
push jen, {jim}, goodby jim
The message was successfully forwarded to the reciever(s).
knowothers
[jen, jim2!, jim]
pull jen
[FROM: jen  TO: jen, jim2!, jim  MSG: test broadcast
 FROM: jim  TO:      jen,      jim2! MSG: hello!  ]
pull jim2!
[FROM: jen  TO: jen, jim2!, jim  MSG: test broadcast
 FROM: jim  TO:      jen,      jim2! MSG: hello!  ]
pull jim
[FROM: jen  TO: jim  MSG: goodby jim
 FROM: jen  TO: jen, jim2!, jim  MSG: test broadcast  ]
push jim, {jen}, push jen, {jen, jim2!, jim}, test broadcast
The message was successfully forwarded to the reciever(s).
pull jen
[FROM: jim  TO: jen  MSG: push jen, {jen, jim2!, jim}, test broadcast
 FROM: jen  TO: jen, jim2!, jim  MSG: test broadcast
 FROM: jim  TO:      jen,      jim2! MSG: hello!  ]
fmgmbgmfkg
Unsupported command
pull jj
This username doesn't exist.
push jj, {kk}, yellow cake!
This username doesn't exist.
push jj, {jen, kk}, yellow cake!
This username doesn't exist.
pull jen
[FROM: jim  TO: jen  MSG: push jen, {jen, jim2!, jim}, test broadcast
 FROM: jen  TO: jen, jim2!, jim  MSG: test broadcast
 FROM: jim  TO:      jen,      jim2! MSG: hello!  ]
exit
Thanks for using our communication server.
```