

Server and client 1

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PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS
anurag-sarva@anurag-sarva-Inspiron-15-5518:~/NS1/Task 4$ python3 server.py
Server starting on 192.168.155.111:8080
Server is running ing...
User Anurag is connected from 192.168.155.111:57025
User Gulshan is connected from 192.168.155.99:60259
User Anurag is disconnected
User Gulshan is disconnected
^C
Server shutting down
anurag-sarva@anurag-sarva-Inspiron-15-5518:~/NS1/Task 4$

anurag-sarva@anurag-sarva-Inspiron-15-5518:~/NS1/Task 4$ export Q=5
anurag-sarva@anurag-sarva-Inspiron-15-5518:~/NS1/Task 4$ python3 client.py
Enter your userID: Anurag

Options:
1. List users
2. Connect to a user
3. Exit
Choice: [Received]: Public Key = 3
[Send]: Public Key = 21
Generated AES Key: 19581e27de7ced00ff1ce50b2047e7a5

Chat starting! Type 'EOM' to end ing chat.

[Cipher]: 3V5sFck5dQoICPRQv8Dk4rrpaxPu3XxDjAdpPi0yeVU=
[Plain]: Hii Anurag
[Send]:
[Send]: Hi gulsahn
[Cipher]: cxQwT54U1iit6fqPj0Y0dhgmkiKoIxrW9bKZnrFjjUU=
[Send]:
[Cipher]: aUsYfhaPHR+3+UB5H6dQwjnJgb/01SyKQw5SZcdzf18=
[Plain]: whats up anurag
[Send]: i am fine and waht about you
[Cipher]: 20urWg/8YlApK6DRT8o0FCnJQLi1Q2wcllLr52v/isiJ+6BXhF6/Ugx12WlkdIsX
[Send]: of byeee
[Cipher]: 8nyVN0b/d+uyasm/XS04rQVZYSXIWgNlmbg3Ds8xtqs=
[Send]: EOM

Chat session ended

Options:
1. List users
2. Connect to a user
3. Exit
Choice: 3
anurag-sarva@anurag-sarva-Inspiron-15-5518:~/NS1/Task 4$
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Clientn 2

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← → Task 4
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS
(base) gulshanhatzade@Gulshans-MacBook-Air Task 4 % export P=23
(base) gulshanhatzade@Gulshans-MacBook-Air Task 4 % export Q=5
(base) gulshanhatzade@Gulshans-MacBook-Air Task 4 % python3 client.py
Enter your userID: Gulshan

Options:
1. List users
2. Connect to a user
3. Exit
Choice: 1

Current connected users:
- Anurag

Options:
1. List users
2. Connect to a user
3. Exit
Choice: 2
Enter user name to connect with him/her: Anurag
[Send]: Public Key = 3
[Received]: Public Key = 21
Generated AES Key: 19581e27de7ced00ff1ce50b2047e7a5

Chat starting! Type 'EOM' to end ing chat.
[Send]: Hii Anurag
[Cipher]: 3V5sFck5dQoICPRQv8Dk4rrpaxPu3XxDjAdpPi0yeVU=
[Send]:
[Cipher]: cxQwT54U1iit6fqPj0Y0dhgmkiKoIxrW9bKZnrFjjUU=
[Plain]: Hi gulsahn
[Send]: whats up anurag
[Cipher]: aUsYfhaPHR+3+UB5H6dQwjnJgb/01SyKQw5SZcdzf18=
[Send]:
[Cipher]: 20urWg/8YlApK6DRT8o0FCnJQLi1Q2wcllLr52v/isiJ+6BXhF6/Ugx12WlkdIsX
[Plain]: i am fine and waht about you
[Send]:
[Cipher]: 8nyVN0b/d+uyasm/XS04rQVZYSXIWgNlmbg3Ds8xtqs=
[Plain]: of byeee
[Send]:
Peer ended ing chat

[Cipher]: PgD0qpC30XPf2G55uAvcftvzaV0BLUBNsWk0JL9+ws4=

Chat session ended

Options:
1. List users
2. Connect to a user
3. Exit
Choice: 3
(base) gulshanhatzade@Gulshans-MacBook-Air Task 4 %
```