

Mini chat window developed using netcat

Question:

- 1.Design a mini chat using 2 terminals
 - 2.Establish a TCP connection locally or between peers(if you choose this option make sure you both are in the same network)
 - 3.Send messages via this terminal to another one, make sure that both can see each other messages
 - 4.Read about Netcat to implement this task.
- (Hint: use Netcat)

Write in the commands to do that and also the screenshots of the two terminals

Solution:

Client Terminal:

```
pranjal.mukharjee@PF3HRQF1:~$ nc localhost 9192
hello is visible
mini chat window is designed
I am writing from server
I am writing from client end
█
```

Server Terminal

```
pranjal.mukharjee@PF3HRQF1:~$ nc -l -p 9192
hello is visible
mini chat window is designed
I am writing from server
I am writing from client end
█
```

Explanation:

- The server is started with `nc -l -p 9192`, where `-l` indicates listening mode, and `-p 9192` specifies the port.
- The client connects to the server with `nc localhost 9192`.

- After the connection is established, anything typed in one terminal is immediately visible in the other.