### **Assignment - Networking Basics**

<https://classroom.google.com/c/NDI4MDcwOTkwMzNa/a/NTA4MTI3OTQ1MDRa/details>

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#### **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

#### **Answer**

1. Open two terminals.
2. Provide command nc -l <port\_num> , like nc -l 6543 in Terminal 1 to start listening.
3. Provide command nc localhost 6543 in Terminal 2 to connect to the server on the same port as Step 1.
4. Type messages in either terminal, which would in turn appear in both terminals.

#### **Output**

