

Network Assignment

Here's an example of minichat using two terminals on the same network or even locally using Netcat.

Terminal 1:

```
$nc -l <port_number>
```

```
Hey!
```

```
$
```

On the first terminal, listen to the specified port number using -l option. It'll create a bilateral transfer of info between the two terminals.

Terminal 2:

```
$nc 127.0.0.1 <port_number>
```

```
Hey!
```

```
^C
```

```
$
```

On the second terminal connect to the port being listened on. We can terminate the connection using interrupt or ctrl + C.

Attached screenshots :

Terminal 1:

```
zadmin@zadmin:~$ nc -l 3456
Hey!
This is a simple mini chat using TCP connection, on two terminals either locally
or on the same network.
We can terminate the connection using interrupt i.e. ctrl + c
zadmin@zadmin:~$
```

Terminal 2:

```
zadmin@zadmin:~$ nc 127.0.0.1 3456
Hey!
This is a simple mini chat using TCP connection, on two terminals either locally
or on the same network.
We can terminate the connection using interrupt i.e. ctrl + c
^C
zadmin@zadmin:~$
```