IP Addresses':

I have taken ip address based on the free ports available in my laptop.

By typing netstat in cmd we will get out available ports in out laptop.

```
Command Prompt - netstat
Microsoft Windows [Version 10.0.19044.1706]
(c) Microsoft Corporation. All rights reserved.
C:\Users\karna>netstat
Active Connections
  Proto
         Local Address
                                 Foreign Address
                                                          State
  TCP
         127.0.0.1:49736
                                 Prash:49737
                                                          ESTABLISHED
 TCP
         127.0.0.1:49737
                                 Prash:49736
                                                          ESTABLISHED
  TCP
         127.0.0.1:49738
                                 Prash:49739
                                                          ESTABLISHED
  TCP
         127.0.0.1:49739
                                                          ESTABLISHED
                                 Prash:49738
  TCP
         127.0.0.1:49740
                                 Prash: 49741
                                                          ESTABLISHED
 TCP
                                 Prash: 49740
         127.0.0.1:49741
                                                          ESTABLISHED
 TCP
                                 Prash:49743
         127.0.0.1:49742
                                                          ESTABLISHED
 TCP
                                 Prash:49742
         127.0.0.1:49743
                                                          ESTABLISHED
  TCP
         127.0.0.1:49744
                                 Prash: 49745
                                                          ESTABLISHED
  TCP
         127.0.0.1:49745
                                 Prash: 49744
                                                          ESTABLISHED
  TCP
         127.0.0.1:49746
                                 Prash:49747
                                                          ESTABLISHED
```

String Reversal Server using TCP Sockets

The problem is to implement a client - server user-level application using sockets API in Python. The Server application must support at least five clients simultaneously. Server accepts strings from clients (even multiple strings from each client) and replies with reverse strings. For example, when client sends "ICN," Server replies with "NCI." Both server and client(s) must output both sending & receiving strings on the terminal.

The below screen shot contains the server and the corresponding clients 1, 2, 3 and 4.

We can see the input in the server as well as the client. The reversed string in also printed in all the both the server and the client.

C1 corresponds to the client 1 output and the reset are taken respectively.

