TCP-Echo

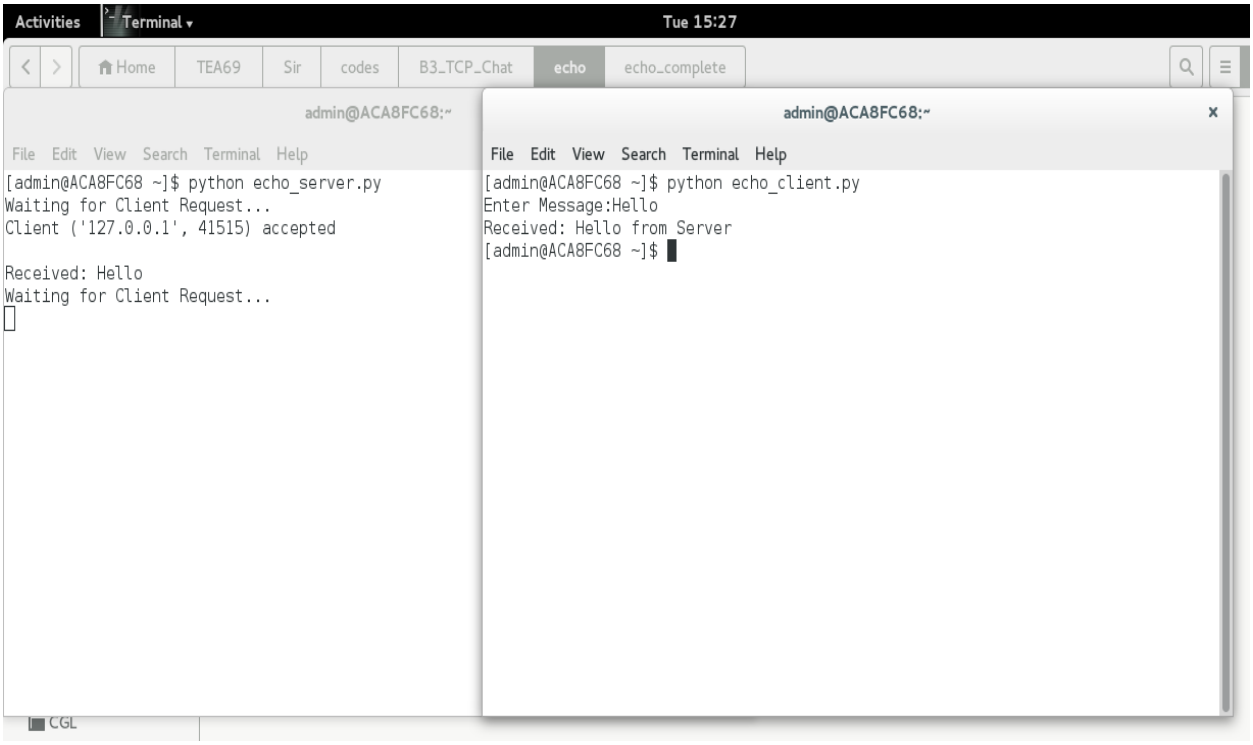
Input :

echo_server.py

```
#!/usr/bin/env python

"""
A simple echo server
lines:10
"""

import socket

#Server IP addres
host = ''
#Port address
port = 50001

#Creating a Socket
s = socket.socket(socket.AF_INET, socket.SOCK_STREAM)
#Binding Port and IP address
s.bind((host,port))
#Listen to connection
s.listen(5)

while 1:
        print "Waiting for Client Request..."
        #Accept a client connecion
        client, address = s.accept()

        print "Client "+str(address)+" accepted\n"

        #Receive data from client
        data = client.recv(1024)
        print "Received: "+data

        #Send data to client
        client.send(data+" from Server")

        #Closing the connection
        client.close()
```

echo_client.py

```
#!/usr/bin/env python

"""
A simple echo client
"""

import socket

#Server IP address
host = 'localhost'
#Port address
port = 50001

#Creating a Socket
sock = socket.socket(socket.AF_INET, socket.SOCK_STREAM)

#Connect to Server
sock.connect((host,port))

#Accepting data to send
data = raw_input("Enter Message:")

#Sending data to server
sock.send(data)

#Receive data from Server
data = sock.recv(1024)
print "Received: "+data

sock.close()
```


Activities
Terminal
Tue 15:27
Home
TEA69
Sir
codes
B3_TCP_Chat
echo
echo_complete
admin@ACA8FC68:~
File Edit View Search Terminal Help
[admin@ACA8FC68 ~]$ python echo_server.py
Waiting for Client Request...
Client ('127.0.0.1', 41515) accepted
Received: Hello
Waiting for Client Request...
admin@ACA8FC68:~
File Edit View Search Terminal Help
[admin@ACA8FC68 ~]$ python echo_client.py
Enter Message:Hello
Received: Hello from Server
[admin@ACA8FC68 ~]$
CGL