Assignment UDP Pinger
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Source Code:

```
from socket import *
from datetime import datetime


serverName = '127.0.0.1'
serverPort = 12000
counter = 0;
message = "i love to study computer networking"
while counter < 10:
    counter = counter +1
    mainSocket = socket(AF_INET,SOCK_DGRAM)

    try:
        mainSocket.settimeout(1.0)
        startTime = datetime.now()
        mainSocket.sendto(message,(serverName, serverPort))
        modifiedMessage, serverAddress = mainSocket.recvfrom(1024)
        endTime = datetime.now()

    except timeout:
        print 'PING ' +str(counter)+' '+ str(startTime)+ ': Request timed out!'
        mainSocket.close()
    else:
        print 'PING ' +str(counter)+' '+ str(startTime)+': Returned: ' + modifiedMessage + ' RTT:'+
str(endTime-startTime)

mainSocket.close()
```
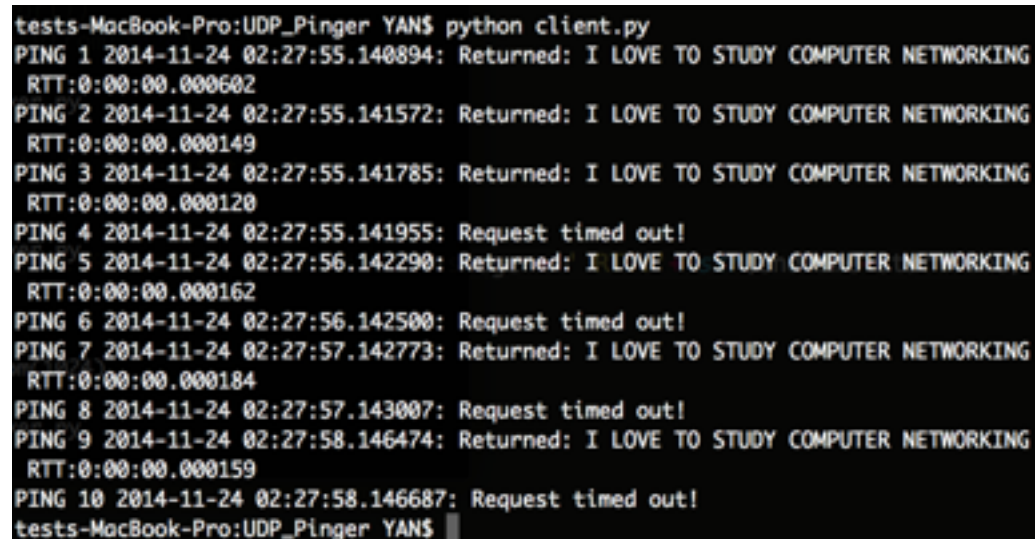
ScreenShot: