Socket Programming: Assignment: 2 UDP Pinger

The attached UDP Client program ping the given server for 10 times. It pings the server with the "Ping <sequence number>" and print the same message with the time when the request sent. It waits for one second for the response from the server. If the program receives the response from server which is the capitalized version of the same message client sent, then it outputs the response with respective ping number and the time when packet received. The program also calculates the round trip time. If it does times out then it will print the ''timed out'' message and continue with the next ping. Screenshot shown below:

```
7% Python Shell                                                    _ 回 ⋩
File  Edit  Shell  Debug  Options  Windows  Help
Python 2.7 (r27:82525, Jul  4 2010, 07:43:08) [MSC v.1500 64 bit (AMD64)] on win32
Type "copyright", "credits" or "license()" for more information.
>>> ============================= RESTART =============================
>>>
Beginning the connection.. 10 pings
-----------------------------------------------------------
Sent Message : Ping   1   2014-10-23 18:45:48.178000
Received Message : PING   1   2014-10-23 18:45:48.189000
Round Trip Time :  989000
-----------------------------------------------------------
Sent Message : Ping   2   2014-10-23 18:45:48.209000
Received Message : PING   2   2014-10-23 18:45:48.213000
Round Trip Time :  996000
-----------------------------------------------------------
Sent Message : Ping   3   2014-10-23 18:45:48.235000
Last Request timed out!
-----------------------------------------------------------
Sent Message : Ping   4   2014-10-23 18:45:49.256000
Last Request timed out!
-----------------------------------------------------------
Sent Message : Ping   5   2014-10-23 18:45:50.273000
Received Message : PING   5   2014-10-23 18:45:50.280000
Round Trip Time :  993000
-----------------------------------------------------------
Sent Message : Ping   6   2014-10-23 18:45:50.301000
Last Request timed out!
-----------------------------------------------------------
Sent Message : Ping   7   2014-10-23 18:45:51.328000
Received Message : PING   7   2014-10-23 18:45:51.336000
Round Trip Time :  992000
-----------------------------------------------------------
Sent Message : Ping   8   2014-10-23 18:45:51.358000
Received Message : PING   8   2014-10-23 18:45:51.364000
Round Trip Time :  994000
-----------------------------------------------------------
Sent Message : Ping   9   2014-10-23 18:45:51.388000
Last Request timed out!
-----------------------------------------------------------
Sent Message : Ping   10   2014-10-23 18:45:52.409000
Last Request timed out!
-----------------------------------------------------------
Number of pings exhausted!!
>>>
                                                              Ln: 43 Col: 4
```