Programming lab 2

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ringslab_Inn_02
$ python UDPPingerClient.py
DataPING: 1, RTT: 0.000613927841187
DataPING: 2, RTT: 0.000144004821777
Request timed out.
DataPING: 4, RTT: 0.000349998474121
DataPING: 5, RTT: 0.000256061553955
DataPING: 6, RTT: 0.000257015228271
Request timed out.
Request timed out.
DataPING: 9, RTT: 0.000463962554932
DataPING: 10, RTT: 0.00025200843811
```

```python
import time
from socket import *

host = "127.0.0.1"# FILL IN START        # FILL IN END
port = 12000# FILL IN START      # FILL IN END
timeout = 1 # in seconds

serverName = 'hostname'

clientSocket = socket(AF_INET, SOCK_DGRAM)

clientSocket.settimeout(timeout)

ptime = 0

while ptime < 10:
    ptime += 1
    message = 'Ping: ' + str(ptime)# FILL IN START       # FILL IN END

    addr = (host, port)

    start = time.time()
    clientSocket.sendto(message, addr)

    try:
        data, server = clientSocket.recvfrom(1024)
        end = time.time()
        elapsed = end - start
        print 'Data' + str(data) + ', RTT: ' + str(elapsed)

    except:
        print "Request timed out."
        continue

clientSocket.close()
```