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Go Debug Terminal Help ping-client.py - Ping Program - Visual Studio Code
ping-client.py X ping-server.py
ping-client.py > ...
30
31 # Attempt to receive ping response
32 try:
33     pResponse, address = clientSocket.recvfrom(1024)
34     msg = struct.unpack(">II", pResponse)
35     end = time.time()
36     rtt = end - start
37     roundTripTimes.append(rtt)
38     print("Ping message number " + str(numPings) + " RTT: %.6f secs" % rtt)
39 except:
40     print("Ping message number " + str(numPings) + " timed out")
41
42 sent = numPings
43 received = len(roundTripTimes)
44 lost = sent - received
45 rate = (lost / sent) * 100
46 print("Packets: Sent = " + str(sent) + ", Received = " + str(received) + ", Lost = " + str(lost) + " (" + str(rate) + "% loss)")
47 print("Minimum RTT = %.6f secs, Maximum RTT = %.6f secs" % (min(roundTripTimes), max(roundTripTimes)))
48
49 clientSocket.close()
50
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL 1: py, powershell + - X

Try the new cross-platform PowerShell <https://aka.ms/pscore6>

PS D:\Users\ct890\documents\WJIT\2Spring2020\CS356\Ping Program> py ping-server.p
y 127.0.0.1 12000
The server is ready to receive on port: 12000

Responding to ping request with sequence number 1
Responding to ping request with sequence number 2
Responding to ping request with sequence number 3
Message with sequence number 4 dropped
Message with sequence number 5 dropped
Responding to ping request with sequence number 6
Responding to ping request with sequence number 7
Message with sequence number 8 dropped
Message with sequence number 9 dropped
Responding to ping request with sequence number 10
█

PS D:\Users\ct890\documents\WJIT\2Spring2020\CS356\Ping Program> py ping-client.p
y 127.0.0.1, 12000
Pinging 127.0.0.1, 12000:
Ping message number 1 RTT: 0.005645 secs
Ping message number 2 RTT: 0.011155 secs
Ping message number 3 RTT: 0.013865 secs
Ping message number 4 timed out
Ping message number 5 timed out
Ping message number 6 RTT: 0.006823 secs
Ping message number 7 RTT: 0.007441 secs
Ping message number 8 timed out
Ping message number 9 timed out
Ping message number 10 RTT: 0.028515 secs
Packets: Sent = 10, Received = 6, Lost = 4 (40.0% loss)
Minimum RTT = 0.005645 secs, Maximum RTT = 0.028515 secs
PS D:\Users\ct890\documents\WJIT\2Spring2020\CS356\Ping Program> █

Ln 34, Col 31 Spaces: 4 UTF-8 CRLF Python

Ping Program Output: 6 received and 4 dropped
Server output on left and client output on right