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glebpetrakov@vm3:~$ traceroute 192.168.1.100
traceroute to 192.168.1.100 (192.168.1.100), 30 hops max, 60 byte packets
 1 _gateway (192.168.2.10)  0.397 ms  0.332 ms  0.306 ms
 2 192.168.1.100 (192.168.1.100)  0.916 ms  0.898 ms  0.806 ms
glebpetrakov@vm3:~$ ./client.out
Enter your name : Gleb
Enter your age : 19
Enter your group number : 3
No of bytes sent = 72
No of bytes received = 1024
Result received = Hello, Gleb! Seems you were born in 1999. Your TA on Networks is Adam Zubair.

Enter your name : ^C
glebpetrakov@vm3:~$
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glebpetrakov@vm2:~$ ifconfig
ens33: flags=4163<UP,BROADCAST,RUNNING,MULTICAST> mtu 1500
    inet 192.168.1.10 netmask 255.255.255.0 broadcast 192.168.1.255
    inet6 fe80::250:56ff:fe38:7252 prefixlen 64 scopeid 0x20<link>
    ether 00:50:56:38:72:52 txqueuelen 1000 (Ethernet)
    RX packets 317 bytes 110509 (110.5 KB)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 186 bytes 22529 (22.5 KB)
    TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0

ens38: flags=4163<UP,BROADCAST,RUNNING,MULTICAST> mtu 1500
    inet 192.168.2.10 netmask 255.255.255.0 broadcast 192.168.2.255
    inet6 fe80::250:56ff:fe30:d162 prefixlen 64 scopeid 0x20<link>
    ether 00:50:56:30:d1:62 txqueuelen 1000 (Ethernet)
    RX packets 124 bytes 16839 (16.8 KB)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 251 bytes 164739 (164.7 KB)
    TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0

lo: flags=73<UP,LOOPBACK,RUNNING> mtu 65536
    inet 127.0.0.1 netmask 255.0.0.0
    inet6 ::1 prefixlen 128 scopeid 0x10<host>
    loop txqueuelen 1000 (Local Loopback)
    RX packets 4176 bytes 297552 (297.5 KB)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 4176 bytes 297552 (297.5 KB)
    TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0

glebpetrakov@vm2:~$ traceroute 192.168.1.100
traceroute to 192.168.1.100 (192.168.1.100), 30 hops max, 60 byte packets
 1 192.168.1.100 (192.168.1.100) 1.456 ms 1.392 ms 1.272 ms
glebpetrakov@vm2:~$ traceroute 192.168.2.100
traceroute to 192.168.2.100 (192.168.2.100), 30 hops max, 60 byte packets
 1 192.168.2.100 (192.168.2.100) 0.416 ms 0.327 ms 0.207 ms
glebpetrakov@vm2:~$
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glebpetrakov@vm1:~$ traceroute 192.168.2.100
traceroute to 192.168.2.100 (192.168.2.100), 30 hops max, 60 byte packets
 1 _gateway (192.168.1.10)  0.412 ms  0.290 ms  0.219 ms
 2 192.168.2.100 (192.168.2.100)  0.609 ms  0.636 ms  0.547 ms
glebpetrakov@vm1:~$ ./server.out
port number 2000
blocked on select System call...
New connection recieved recvd, accept the connection. Client and Server completes TCP-3 way handshake at this point
Connection accepted from client : 192.168.2.100:55210
Server ready to service client msgs.
Server recvd 72 bytes from client 192.168.2.100:55210
Server sent 1024 bytes in reply to client
Server ready to service client msgs.
Server recvd 0 bytes from client 192.168.2.100:55210
blocked on select System call...
^C
glebpetrakov@vm1:~$ _
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