

PROBLEM STATEMENT:

Understanding client, server communication via sockets.  
You will need to use the command `ip addr` to find the ip address of the server

CODE :

Obtain `cs211_lab4_client.c` `cs211_lab4_server.c` and study them.

Compile and run these programs. Remember you learned how to compile in lab 2.

Deliverables:

For the report for this lab, complete and turn in the following page.

DUE DATE 11:00am 11 October 2022

Name: \_\_\_\_\_

Compile and run these programs, the server on one machine, and use two other machines to communicate to the server. Test the software out.

Does the number change as you contact the server from different client machines? Explain.

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Now modify the client program to contact the server five times before exiting.

List code modifications here:

Test the modifications out.

Now modify the server code to not respond to the client until it has been contacted 5 times, i.e. after being contacted five times the server will respond with an appropriate message.

List code modifications here.

Save your (modified) source file(s) in a directory called cs211Lab4 in your home directory

**AND DEMO YOUR MODIFIED CODE FOR THE INSTRUCTOR**