Lab Assignment 1 for ECE374

Posted: 01/26/15

Due: 02/02/15

Step 1:
Download and install wireshark on your laptop/desktop from here:

http://www.wireshark.org/

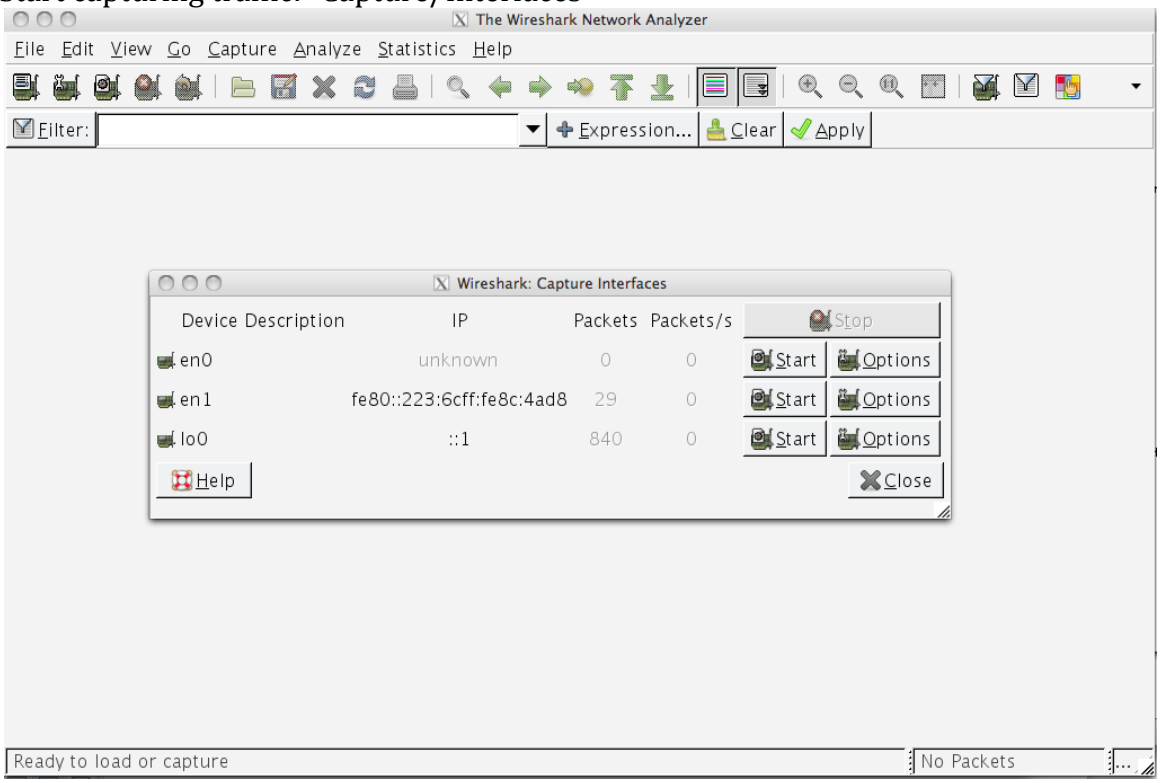
Step 2:
Read the following page to make sure you have *capture privileges:*
http://wiki.wireshark.org/CaptureSetup/CapturePrivileges

Run wireshark

*Tip for MacOS: "*sudo /Applications/Wireshark.app/Contents/MacOS/Wireshark"

Step 3:

Start capturing traffic: "Capture/Interfaces"



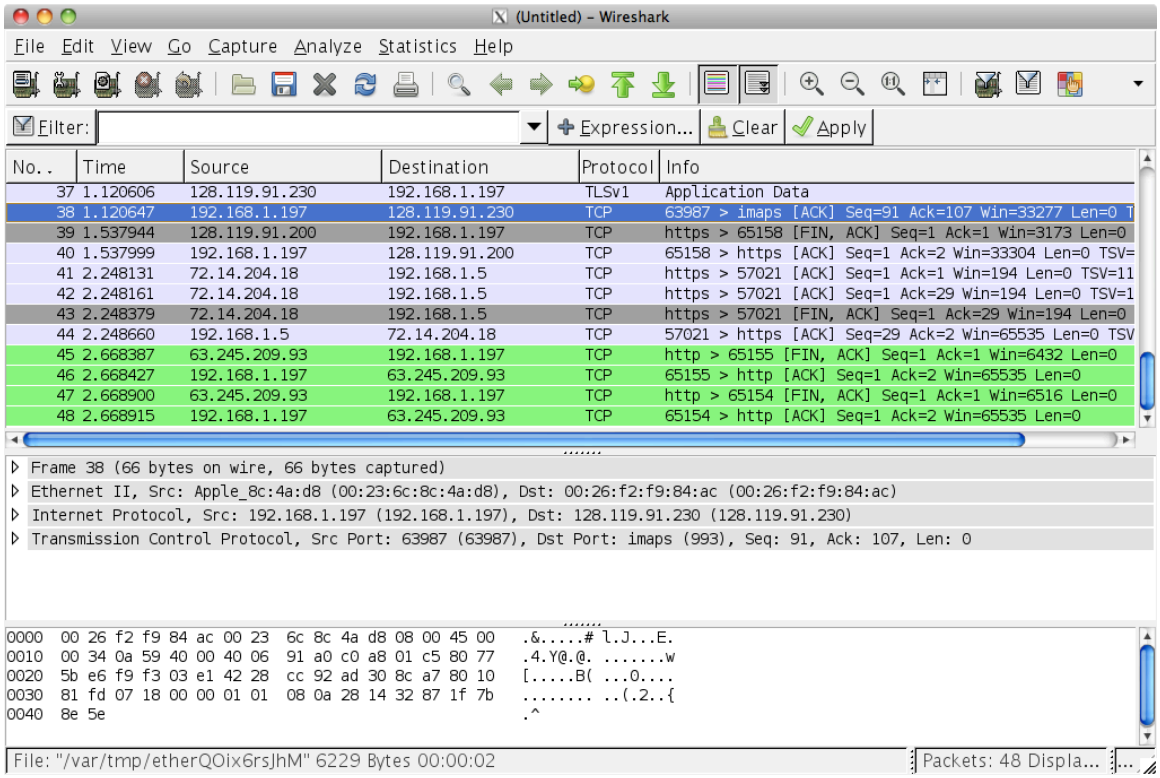
Hit "Start" on the respective interface. (In the example above it would be "en1".)

Step 4:

While continuing to capture traffic start your browser and direct it to www.umass.edu

Step 5:

Stop capturing.



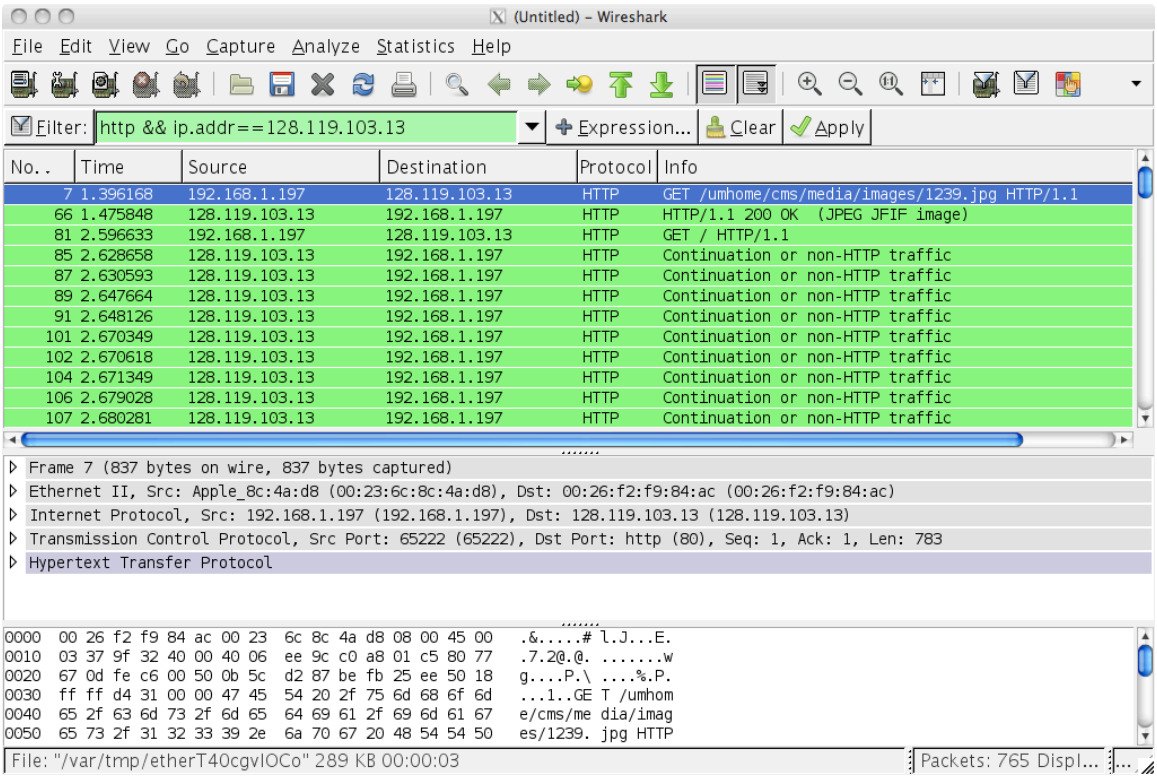
Step 6:

Filter the packets that belong to the http session between your host and the UMass web server.

Enter “http && ip.addr==128.119.103.148” in the “Filter” field of wireshark as shown below.

Step 7:

Take a screenshot of this result. How many packets were transmitted from the UMass web server to your client in this session?



Submit the screenshot and the answer to the question in step 7 in moodle!!