

ENTERPRISE INFRASTRUCTURE AND NETWORKS

IT 520

Lab #3

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Due to: 02/25/2019

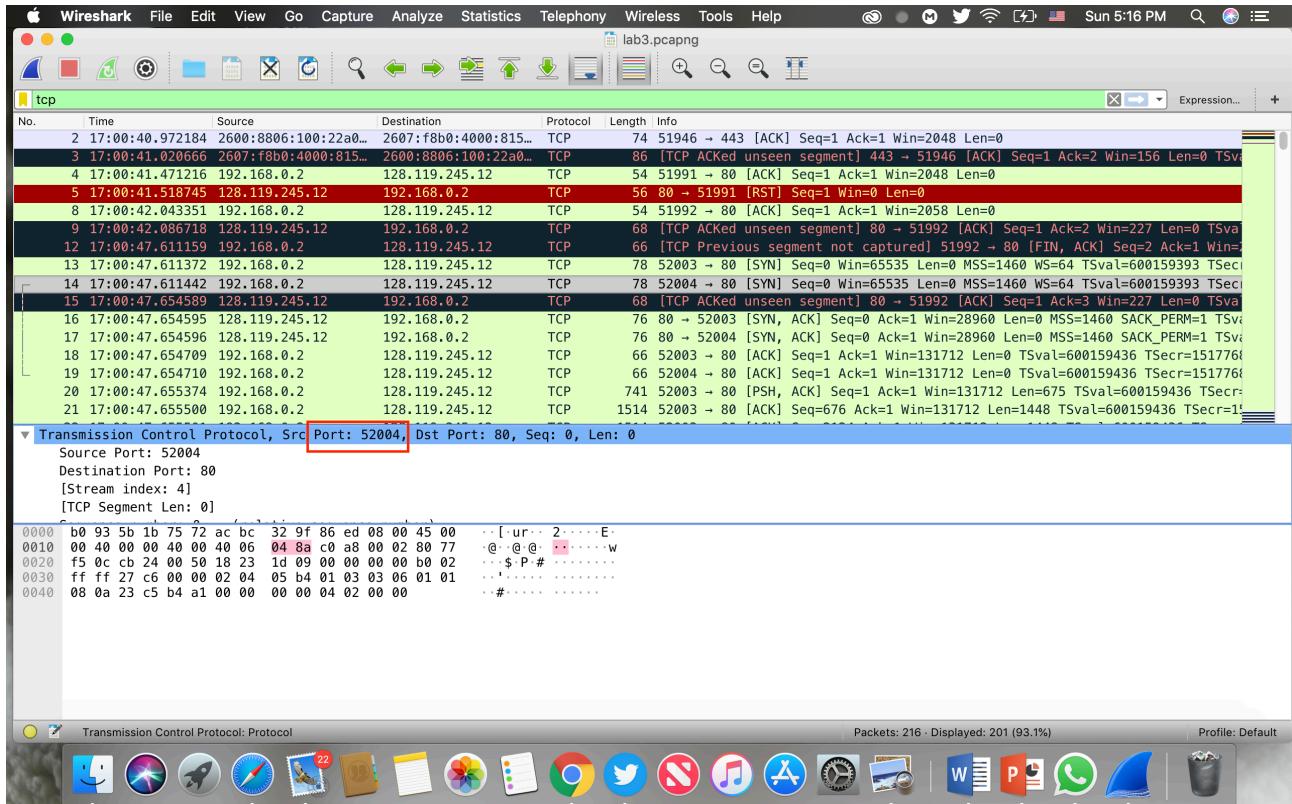
Include a terminal screenshot showing computer IP address on the front page.



Question #1:

What is the TCP port number used by your computer to communicate with gaia.cs.umass.edu?

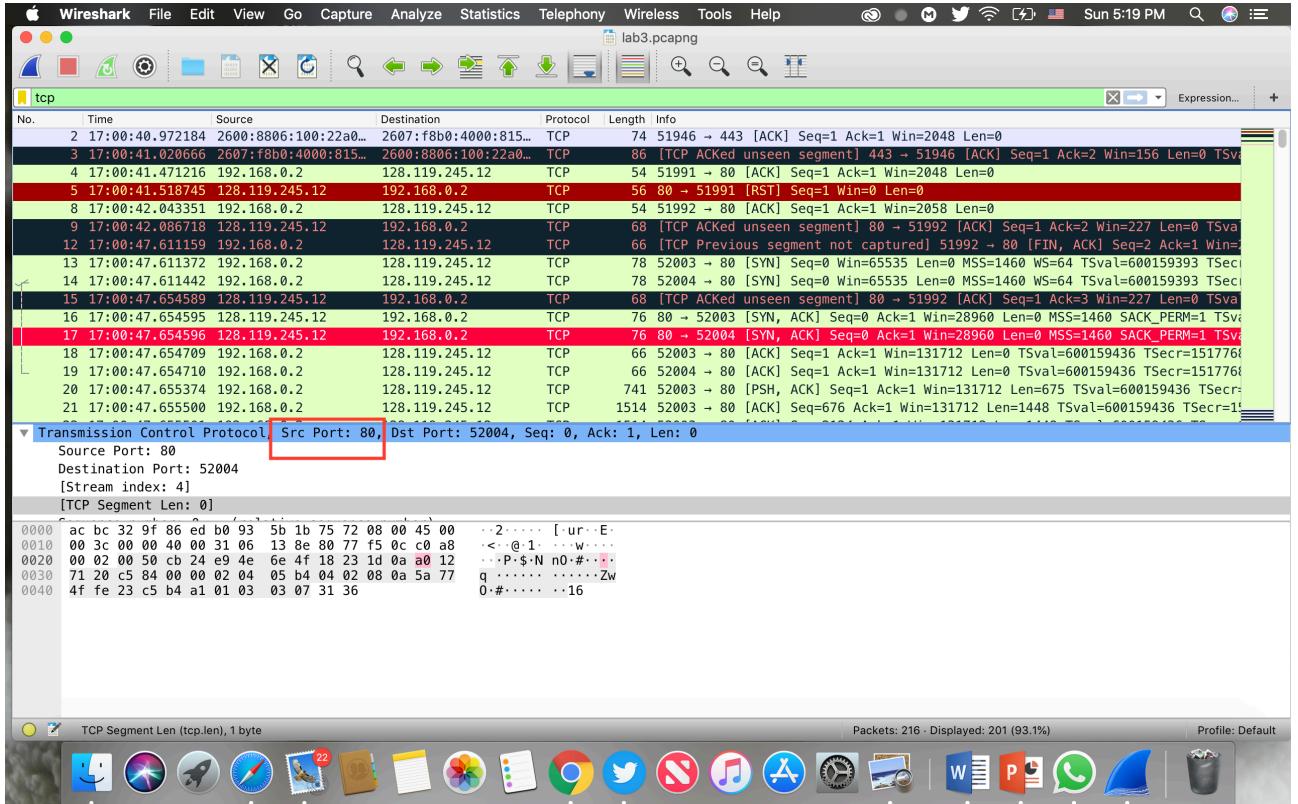
Src Port: 52004



Question #2:

What is the TCP port number used by gaia.cs.umass.edu to communicate with your computer?

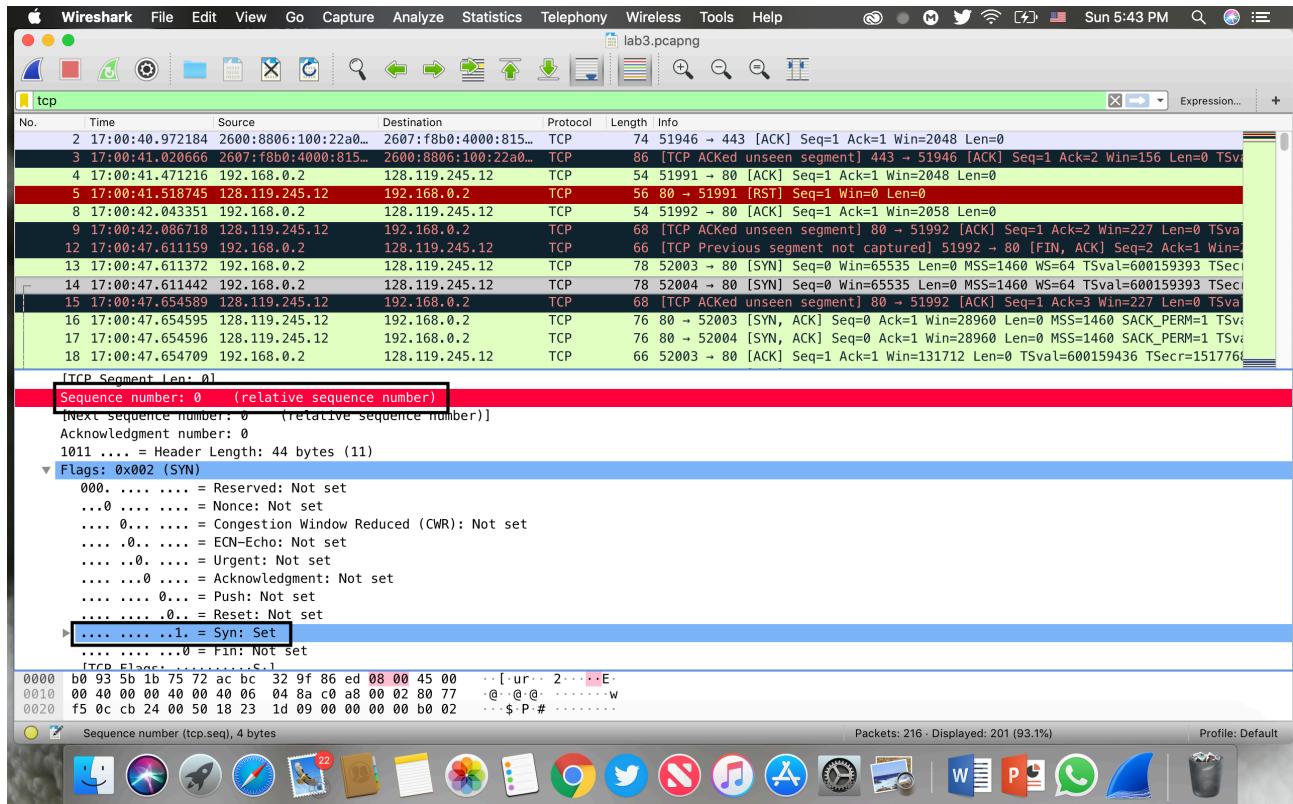
Src Port: 80



Question #3:

What is the sequence number of the TCP SYN segment that is used to initiate the TCP connection between your computer and gaia.cs.umass.edu?

The sequence number of the TCP SYN segment that is used to initiate the TCP connection between my computer and gaia.cs.umass.edu: is 0.



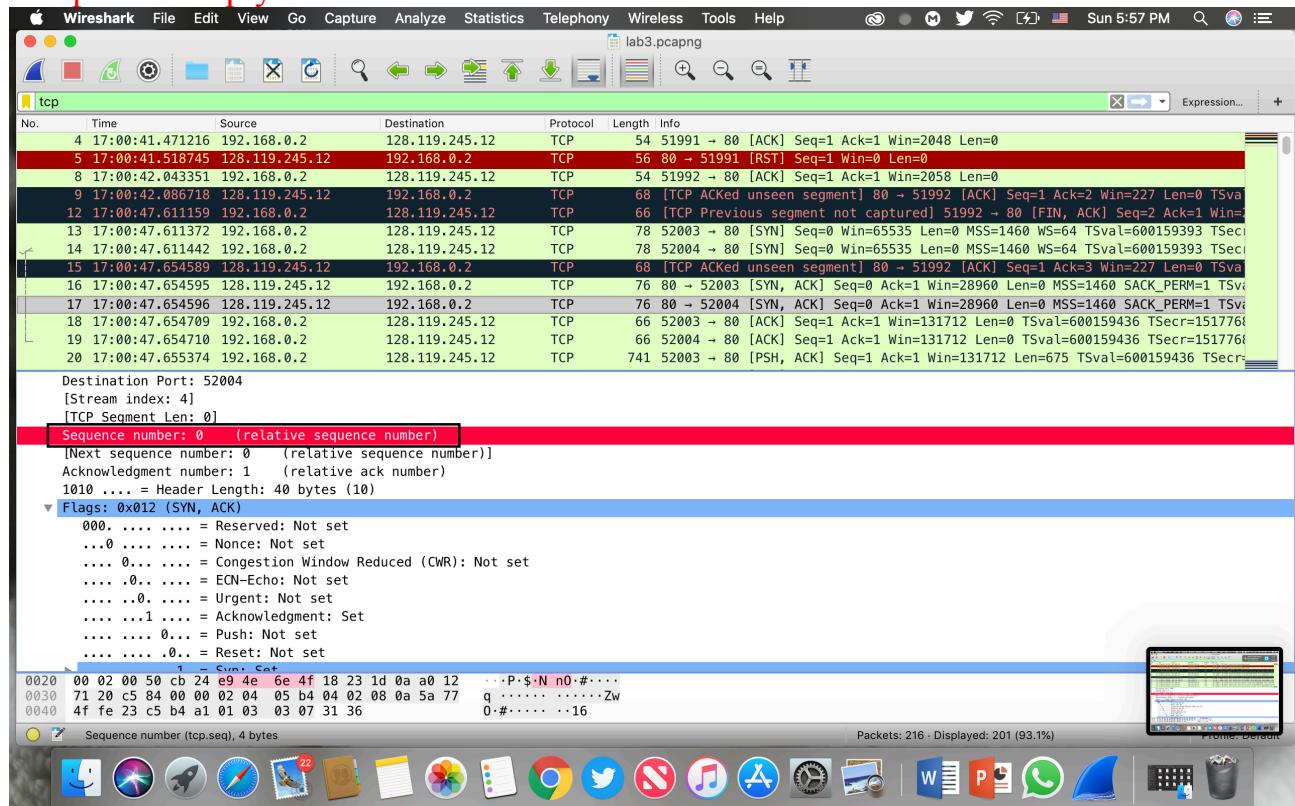
What is it in the segment that identifies the segment as a SYN segment?

The SYN flag is set to 1 and it indicates that this segment is a SYN segment.

Question #4:

What is the sequence number of the SYNACK segment sent by gaia.cs.umass.edu to the client computer in reply to the SYN? - You must dig deep and find the ACK from gaia.cs.umass.edu.

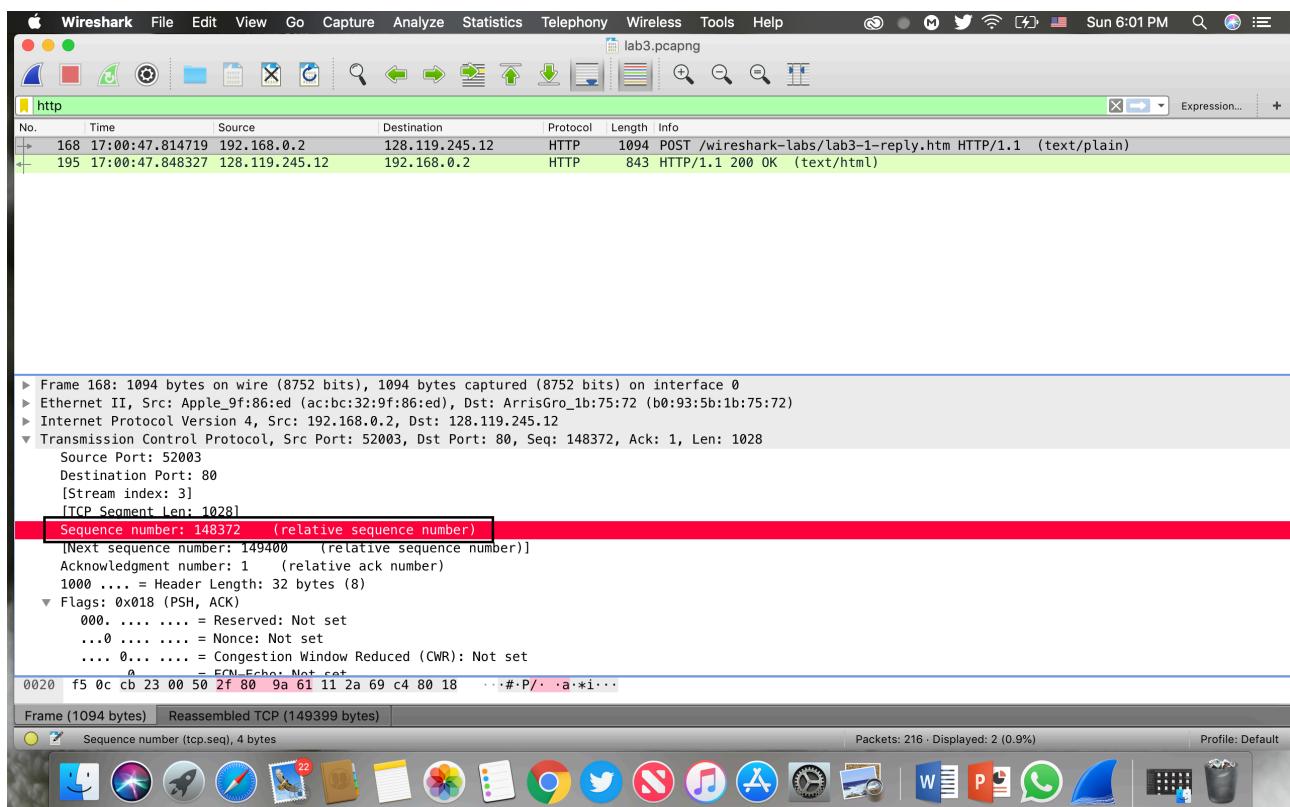
Sequence number of the SYNACK segment from gaia.cs.umass.edu to the client computer in reply to the SYN has the value 0.



Question #5:

What is the sequence number of the TCP segment containing the HTTP POST command? Note: that to find the POST command, you'll need to dig into the packet content field at the bottom of the Wireshark window, looking for a segment with a “POST” within its DATA field.

the sequence number of the TCP segment containing the HTTP POST command: is 148372



Include a full PRINT of the HTTP OK message as the last page.

Attached as HTTP.LAB3 PDF.

Also Attached TCP.LAB3 PDF.