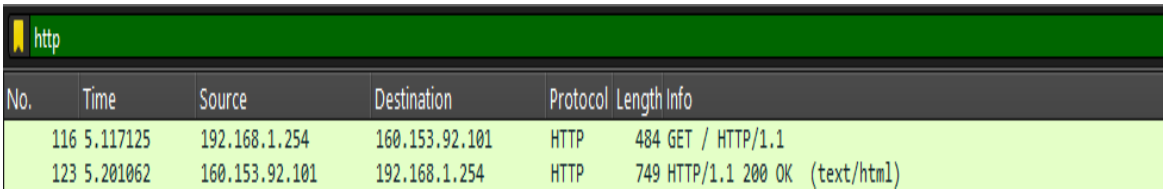
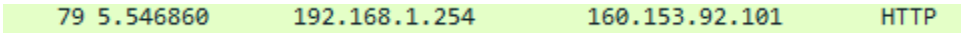
1.

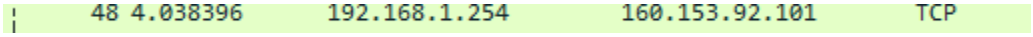
a. The IP address of my computer is 192.168.1.254, the IP address of the website given is 160.153.92.101
Work:



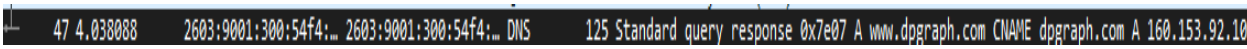
b. Three different protocols that occur when I run the sniffer are: DNS, TCP, and HTTP.
Work:
HTTP:



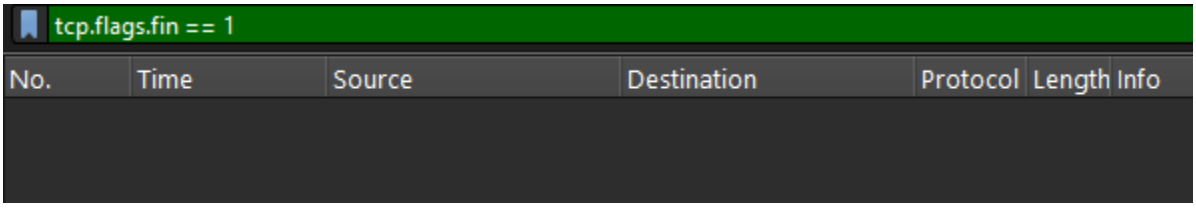
TCP:



DNS:



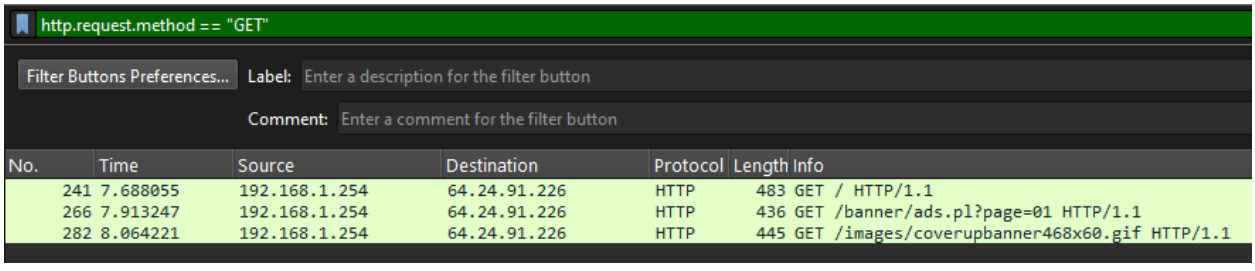
c. No, it kept the connection open. We can determine this as there are no tcp finish flags. ie:



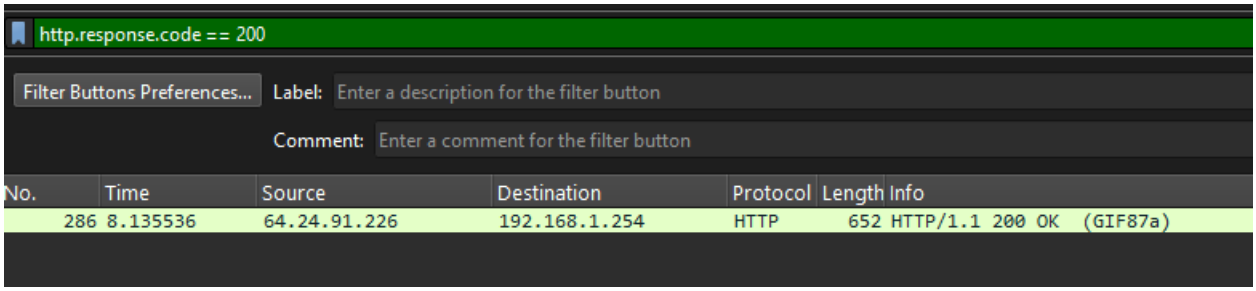
d. It ran http 1.1 as displayed in the screenshot in part a

2.

a. 3



b. 1



c. 445 bytes: