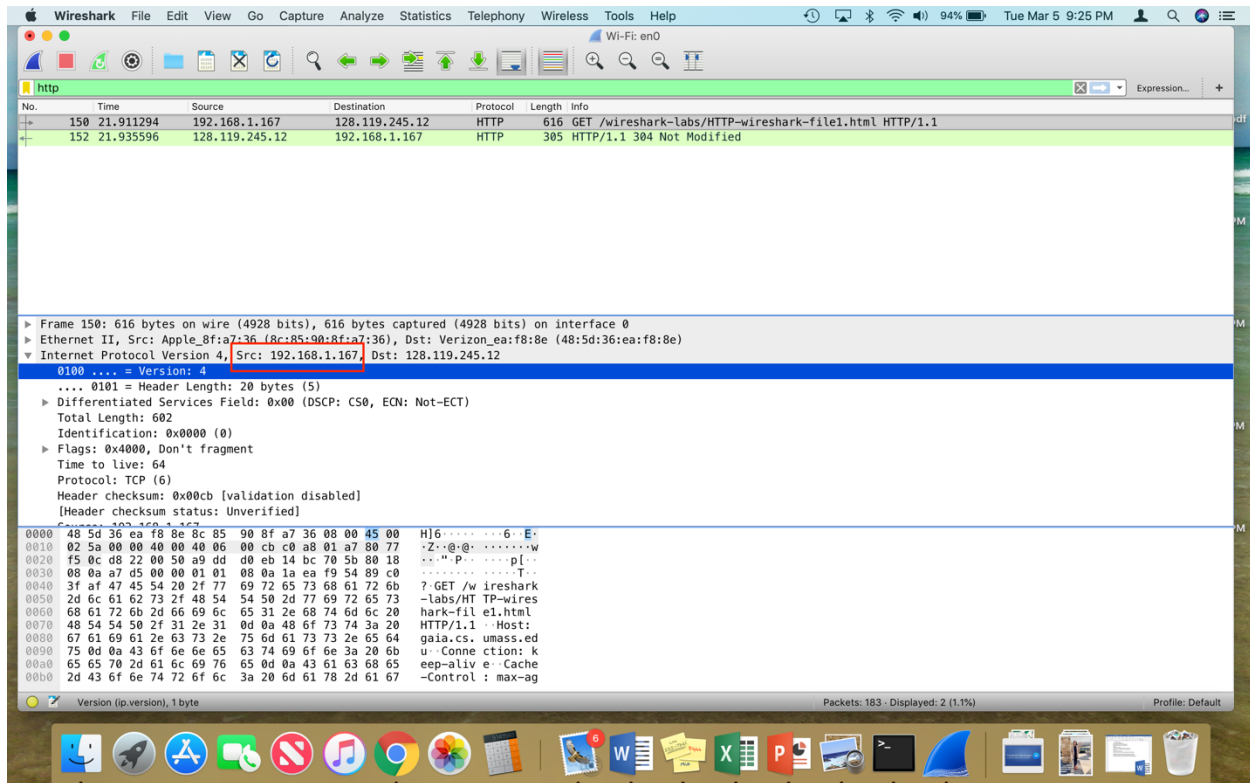


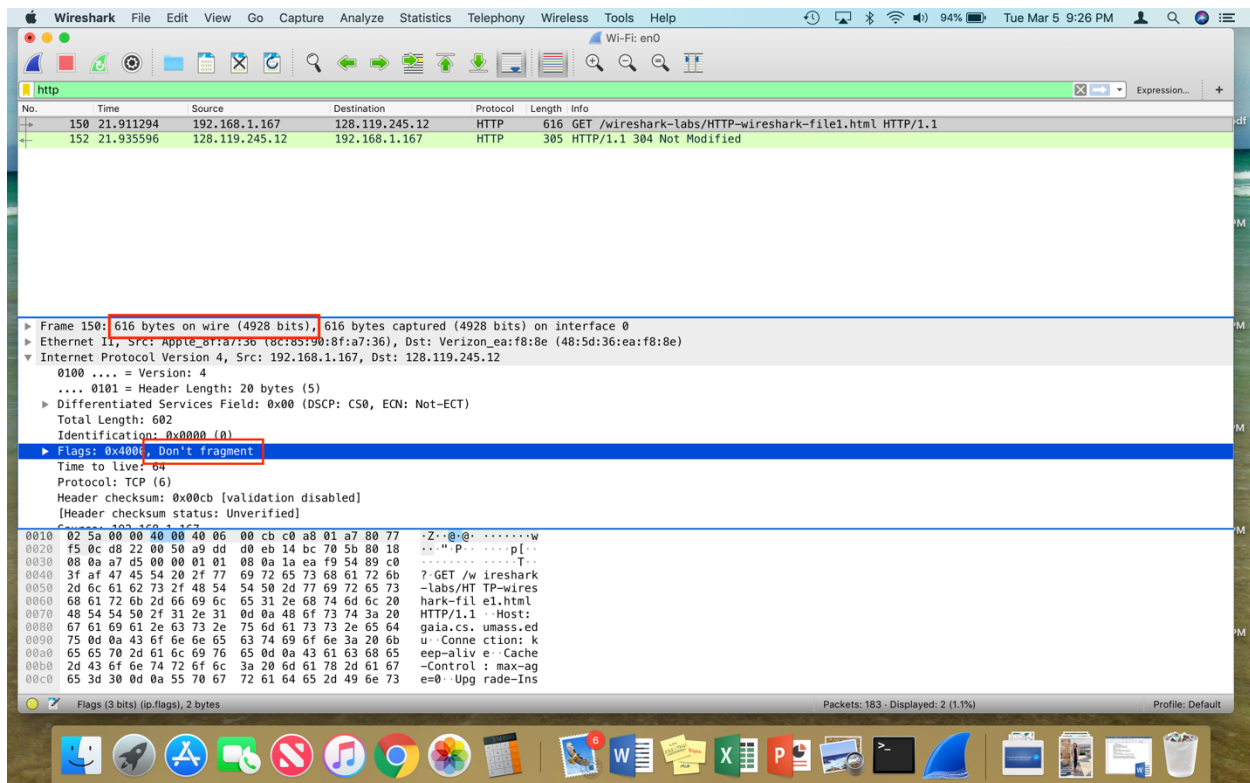
```
Terminal Shell Edit View Window Help
Amreenie ~ --bash -- 204x63

inet 127.0.0.1 netmask 0xff000000
inet6 ::1 prefixlen 128
inet6 fe80::1%lo0 prefixlen 64 scopeid 0x1
nd6 options=201<PERFORMNUD,DAD>
gif0: flags=0<< mtu 1280
stf0: flags=0<< mtu 1280
XHC0: flags=0<< mtu 0
XHC28: flags=0<< mtu 0
en1: flags=8963<UP,BROADCAST,SMART,RUNNING,PROMISC,SIMPLEX,MULTICAST> mtu 1500
    options=60<TS04,TS06>
    ether aa:00:75:09:48:01
    media: autoselect <full-duplex>
    status: inactive
en2: flags=8963<UP,BROADCAST,SMART,RUNNING,PROMISC,SIMPLEX,MULTICAST> mtu 1500
    options=60<TS04,TS06>
    ether aa:00:75:09:48:00
    media: autoselect <full-duplex>
    status: inactive
en0: flags=8863<UP,BROADCAST,SMART,RUNNING,SIMPLEX,MULTICAST> mtu 1500
    ether 8c:85:90:8f:a7:36
    inet6 fe80::3d:7948:94a2:c429%en0 prefixlen 64 secured scopeid 0x8
    inet 192.168.1.167 netmask 0xfffff000 broadcast 192.168.1.255
    nd6 options=201<PERFORMNUD,DAD>
    media: autoselect
    status: active
bridge0: flags=8863<UP,BROADCAST,SMART,RUNNING,SIMPLEX,MULTICAST> mtu 1500
    options=63<RXCSUM,TXCSUM,TS04,TS06>
    ether aa:00:75:09:48:01
    Configuration:
        id 0:0:0:0:0:0 priority 0 hellotime 0 fwddelay 0
        maxage 0 holdcnt 0 proto stp maxaddr 100 timeout 1200
        root id 0:0:0:0:0:0 priority 0 ifcost 0 port 0
        ipfilter disabled flags 0x2
    member: en1 flags=3<LEARNING,DISCOVER>
        ifmaxaddr 0 port 6 priority 0 path cost 0
    member: en2 flags=3<LEARNING,DISCOVER>
        ifmaxaddr 0 port 7 priority 0 path cost 0
    nd6 options=201<PERFORMNUD,DAD>
    media: <unknown type>
    status: inactive
p2p0: flags=8843<UP,BROADCAST,RUNNING,SIMPLEX,MULTICAST> mtu 2304
    ether 0e:85:90:8f:a7:36
    media: autoselect
    status: inactive
awdl0: flags=8943<UP,BROADCAST,RUNNING,PROMISC,SIMPLEX,MULTICAST> mtu 1484
    ether 0e:41:99:78:24:a0
    inet6 fe80::c41:99ff:fe78:24a0%awdl0 prefixlen 64 scopeid 0xb
    nd6 options=201<PERFORMNUD,DAD>
    media: autoselect
    status: active
utun0: flags=8051<UP,POINTOPOINT,RUNNING,MULTICAST> mtu 2000
    inet6 fe80::c2a1:3732:d162:a9a2%utun0 prefixlen 64 scopeid 0xc
    nd6 options=201<PERFORMNUD,DAD>
utun1: flags=8051<UP,POINTOPOINT,RUNNING,MULTICAST> mtu 1380
    inet6 fe80::6015:acc:1a2a:213f%utun1 prefixlen 64 scopeid 0xd
    nd6 options=201<PERFORMNUD,DAD>
utun2: flags=8051<UP,POINTOPOINT,RUNNING,MULTICAST> mtu 1380
    inet6 fe80::a4ae:a05f:1d04:a0ee%utun2 prefixlen 64 scopeid 0xe
    nd6 options=201<PERFORMNUD,DAD>
Amreens-MBP:~ Amreenies
```

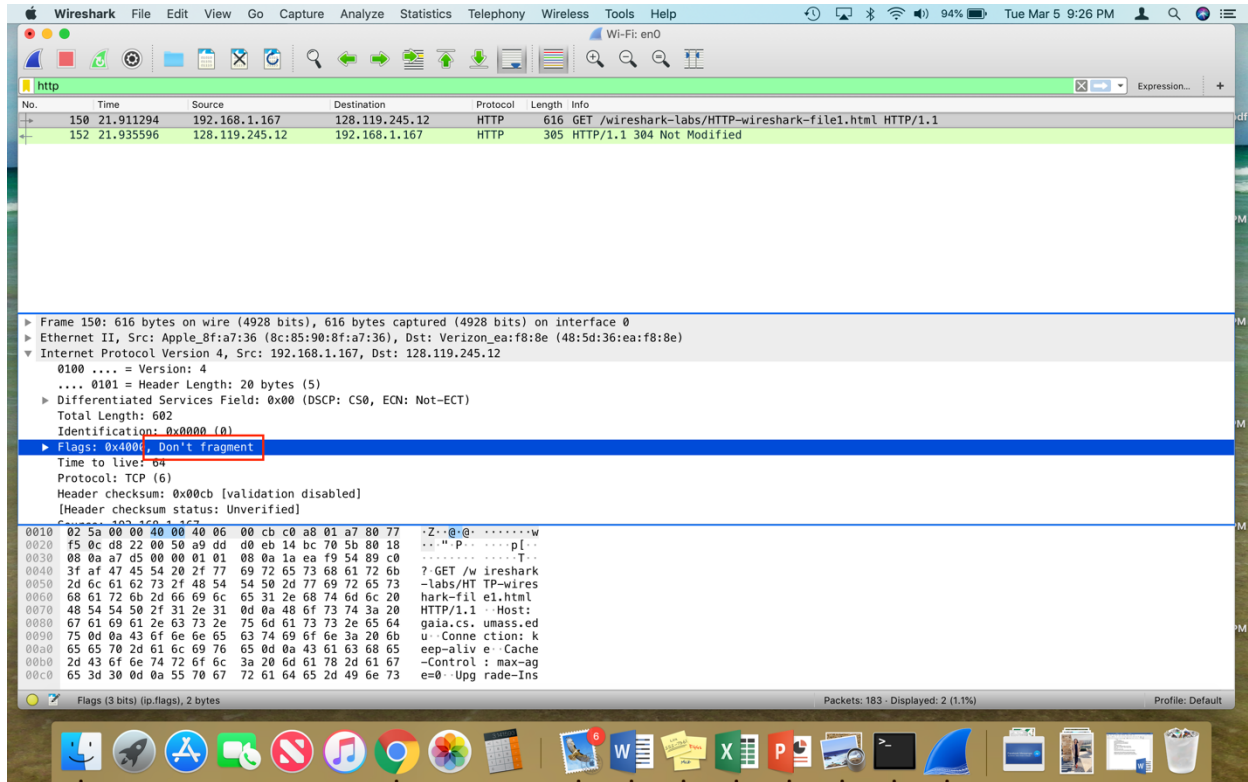
1. What is the IP address of your computer? – **Wireshark screenshot not Terminal**  
**192.168.1.167**



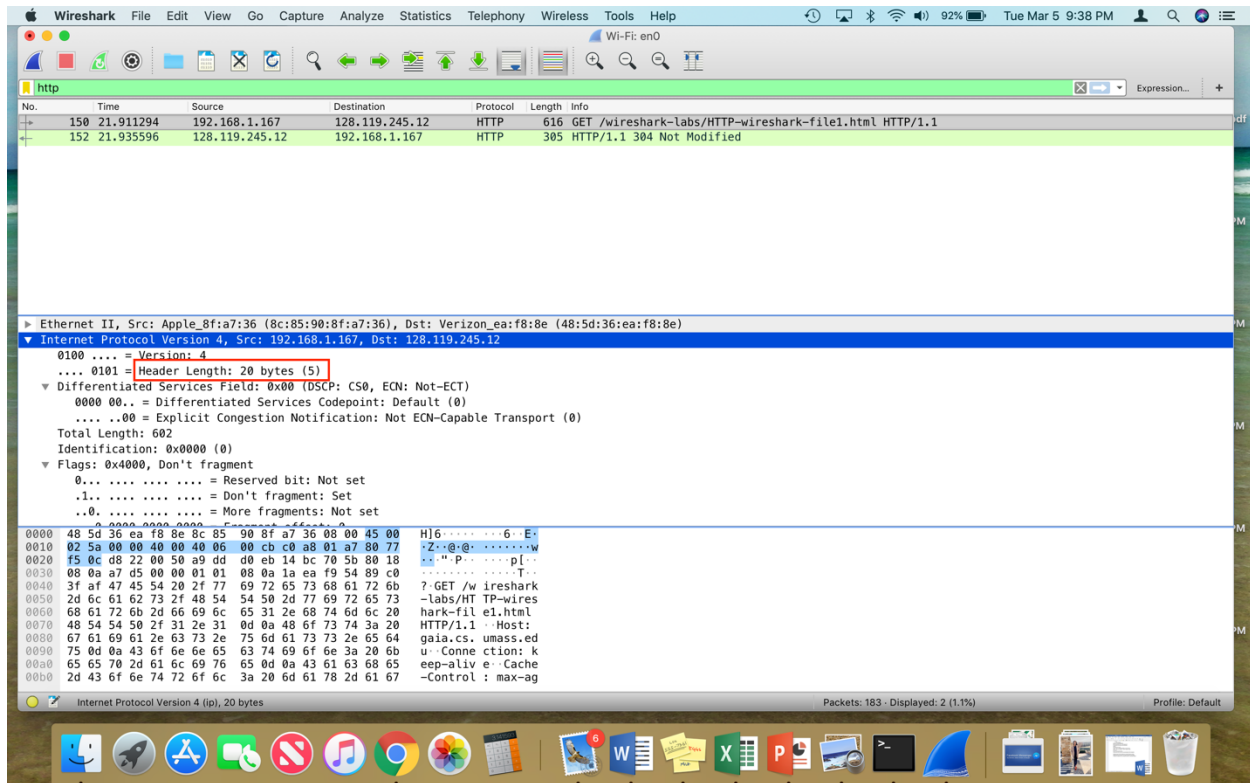
2. What is the total length of the datagram? 616 bytes (used the same screenshot for both, disregard the second red box)



3. Has this IP datagram been fragmented? **No.**



4. How many bytes are in the IP header? The header is 20 bytes



5. How many bytes are in the payload of the IP datagram? Explain how you determined the number of payload bytes.

The total number of bytes in the IP datagram is 596. You take the total amount of bytes – 616 – minus the bytes in the IP header – 20 bytes.

