

# **ENTERPRISE INFRASTRUCTURE AND NETWORKS**

**IT 520**

**Lab #4**

**Dalal Alshahil**

**Due to: 03/18/2019**

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

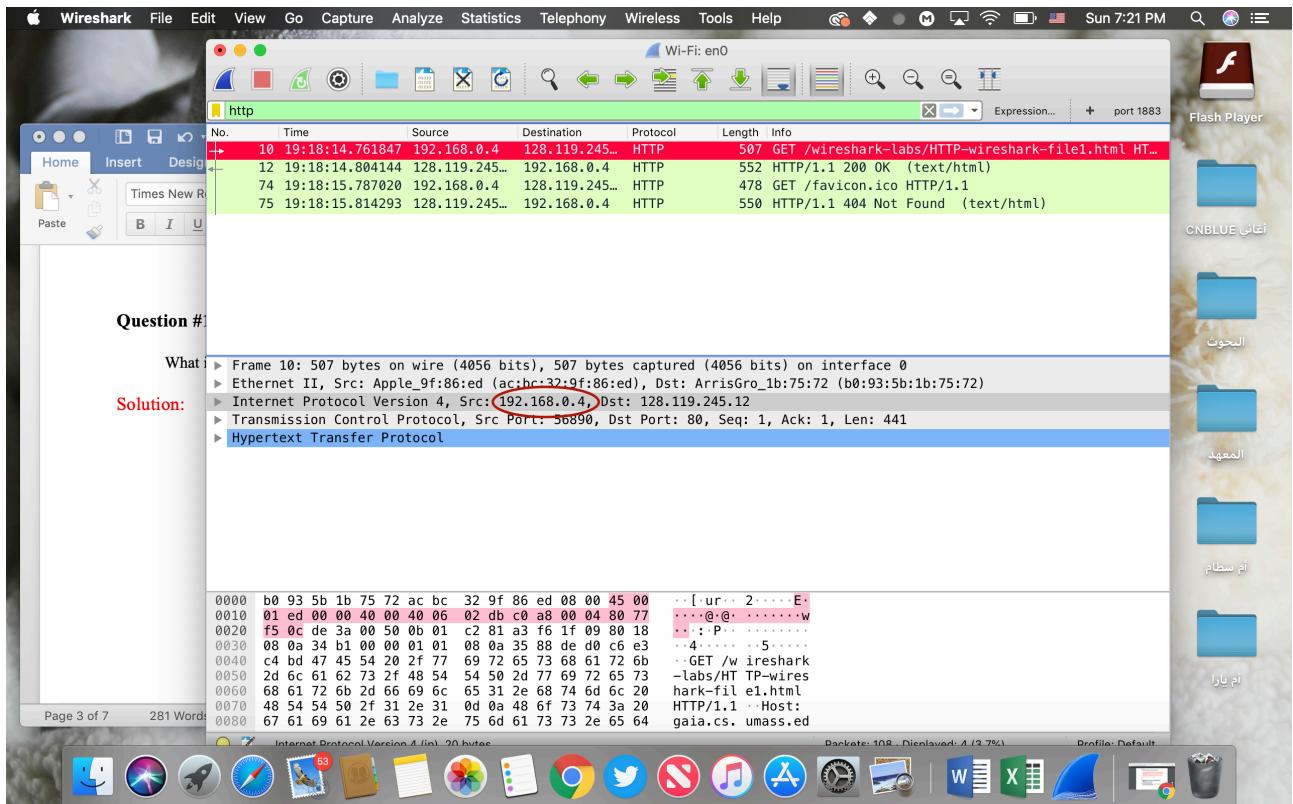
192.168.0.4



## Question #1:

What is the IP address of your computer? – **Wireshark screenshot not, Terminal**

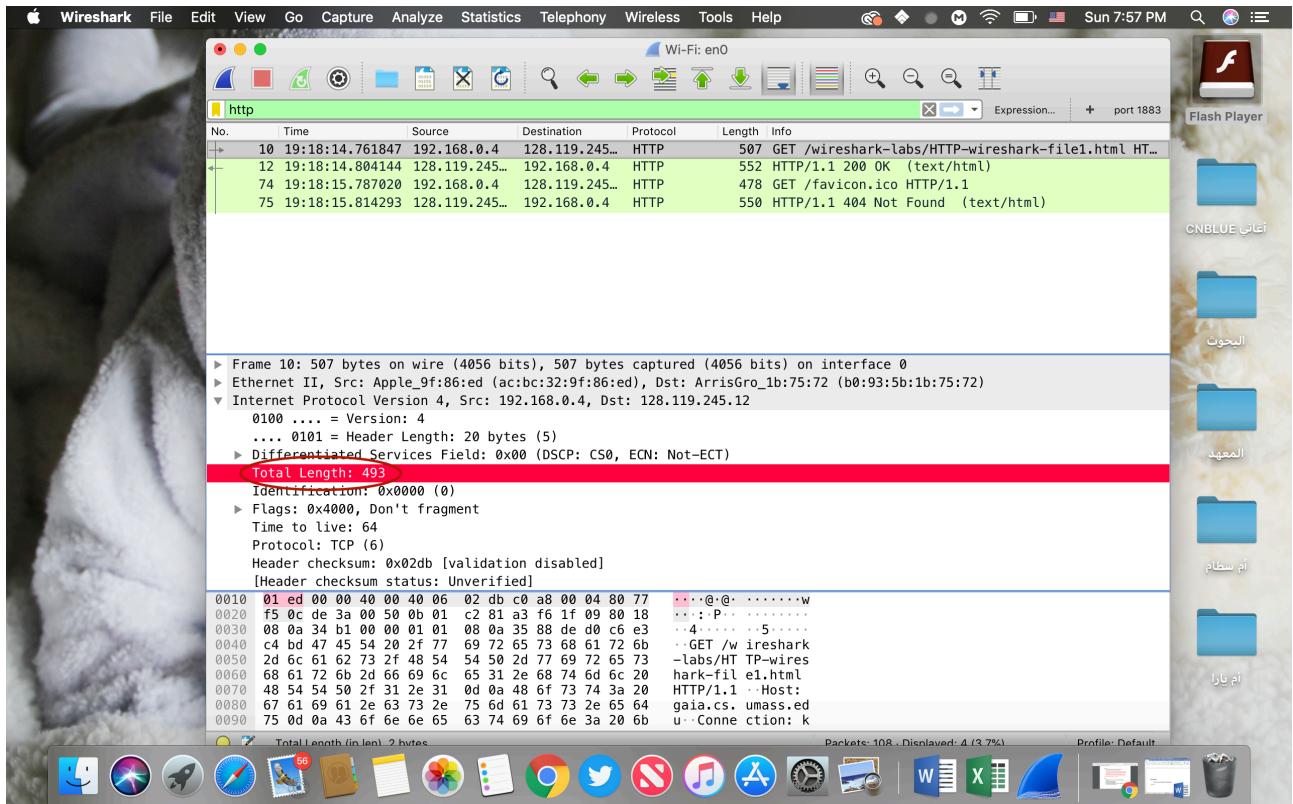
Solution: **192.168.0.4**



## Question #2:

What is the total length of the datagram?

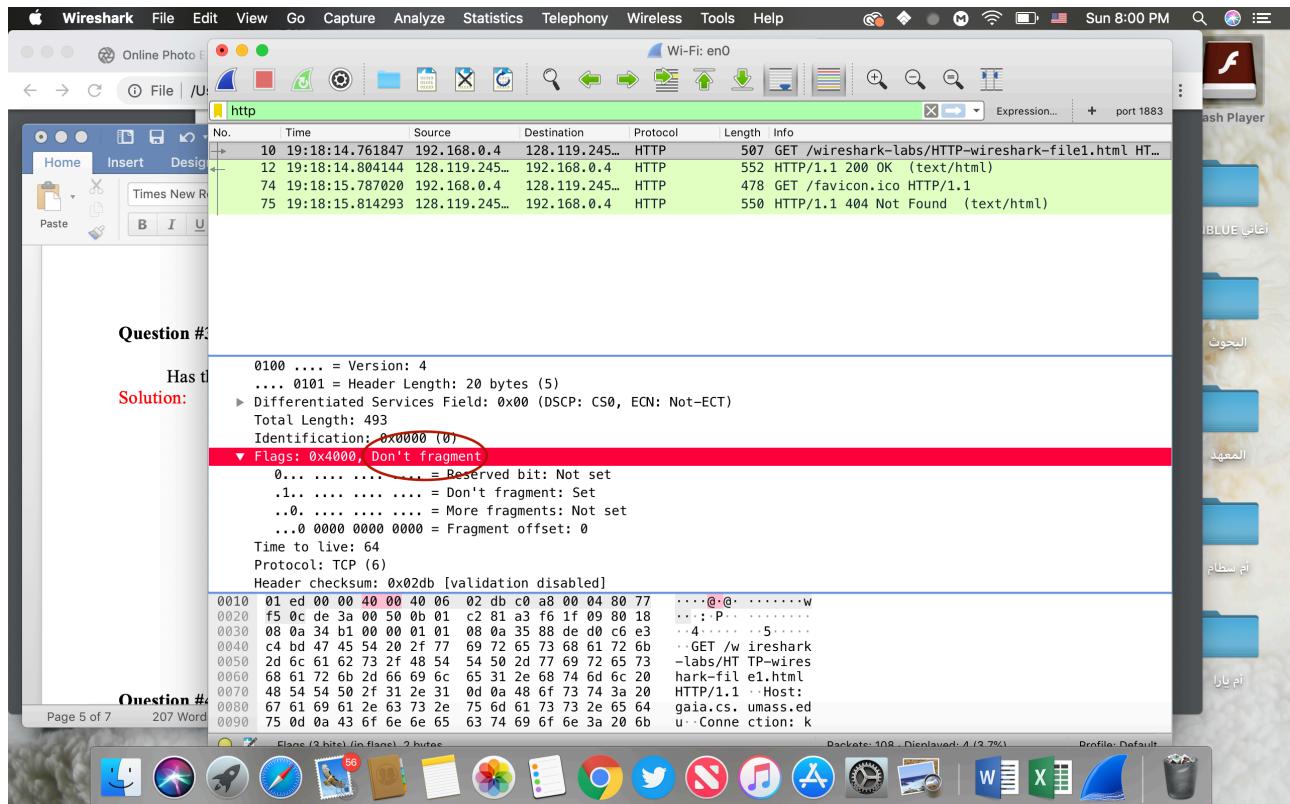
Solution: Total length: 493



## Question #3:

Has this IP datagram been fragmented?

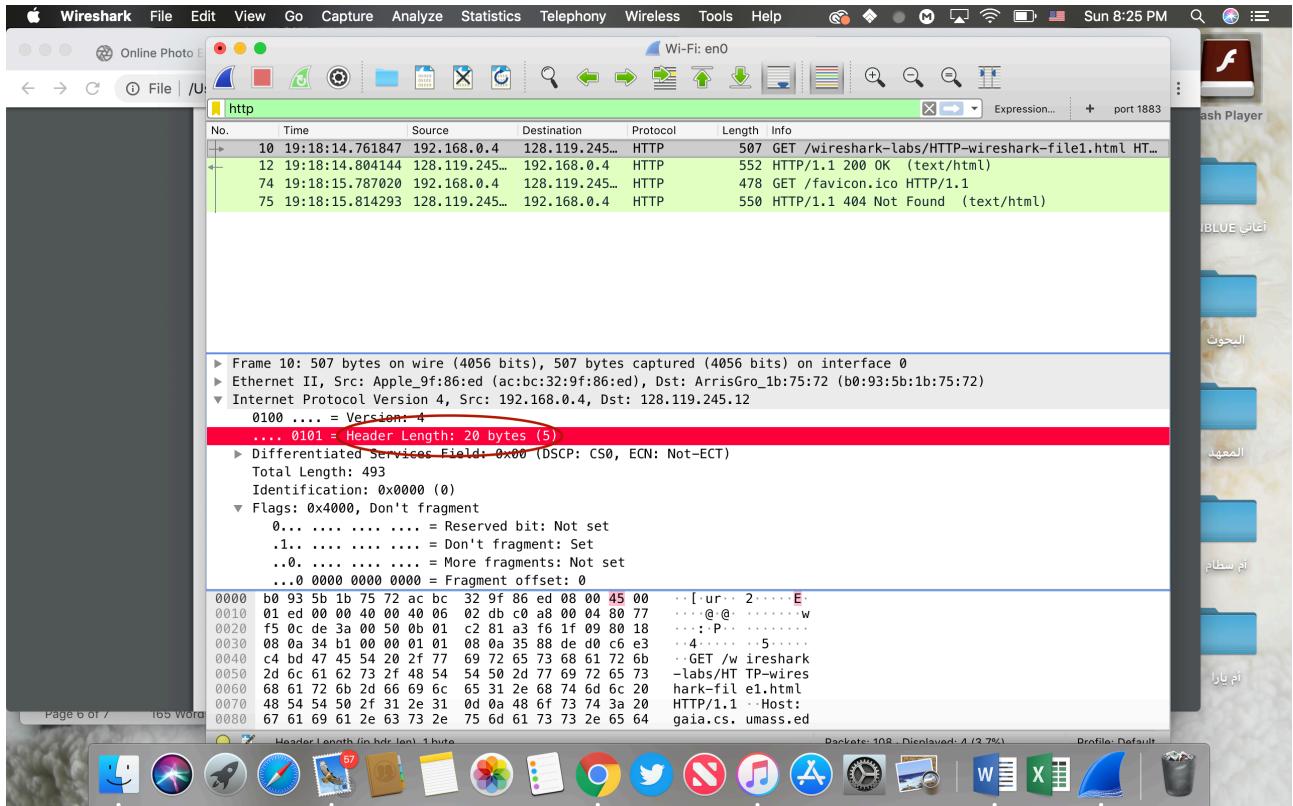
Solution: No Fragment



## Question #4:

How many bytes are in the IP header?

Solution: 20 Bytes.



### **Question #5:**

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

**Solution:**

Since there are 20 bytes in the IP header.

493 bytes total length.

$493 - 29 = 473$  bytes in the payload of the IP datagram.