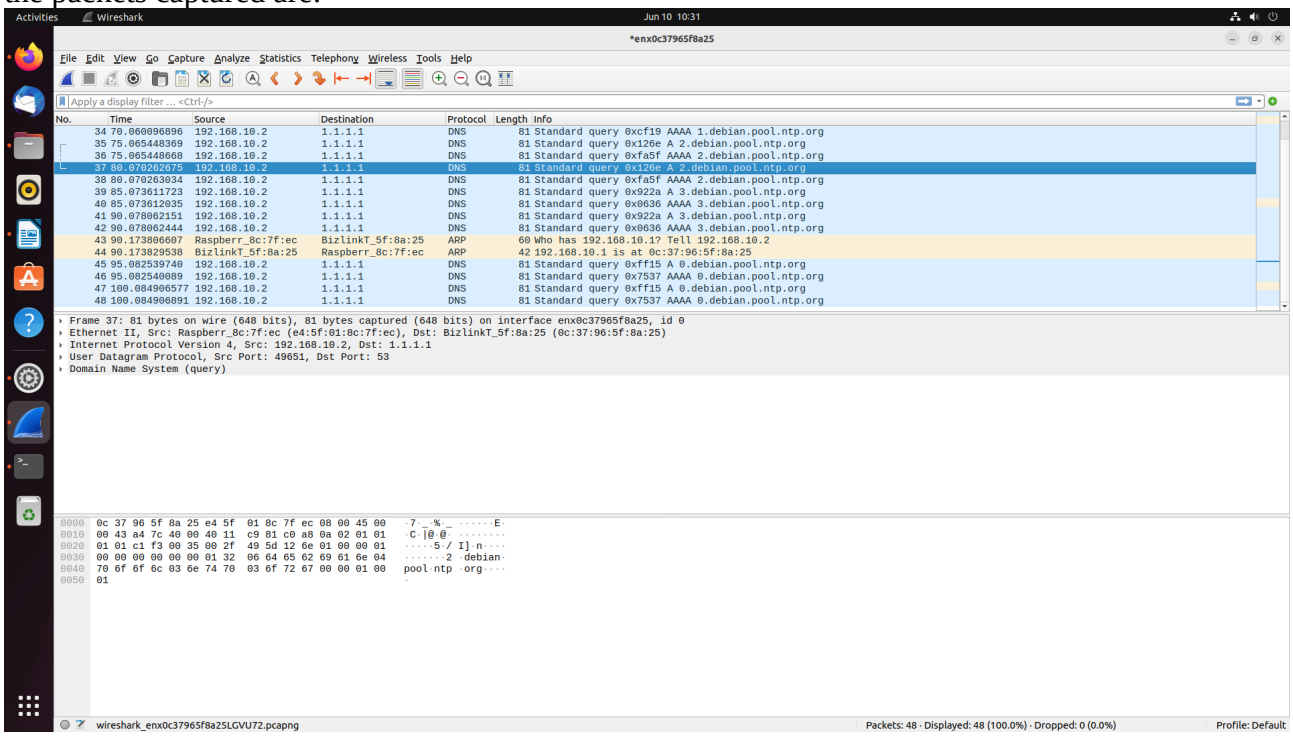
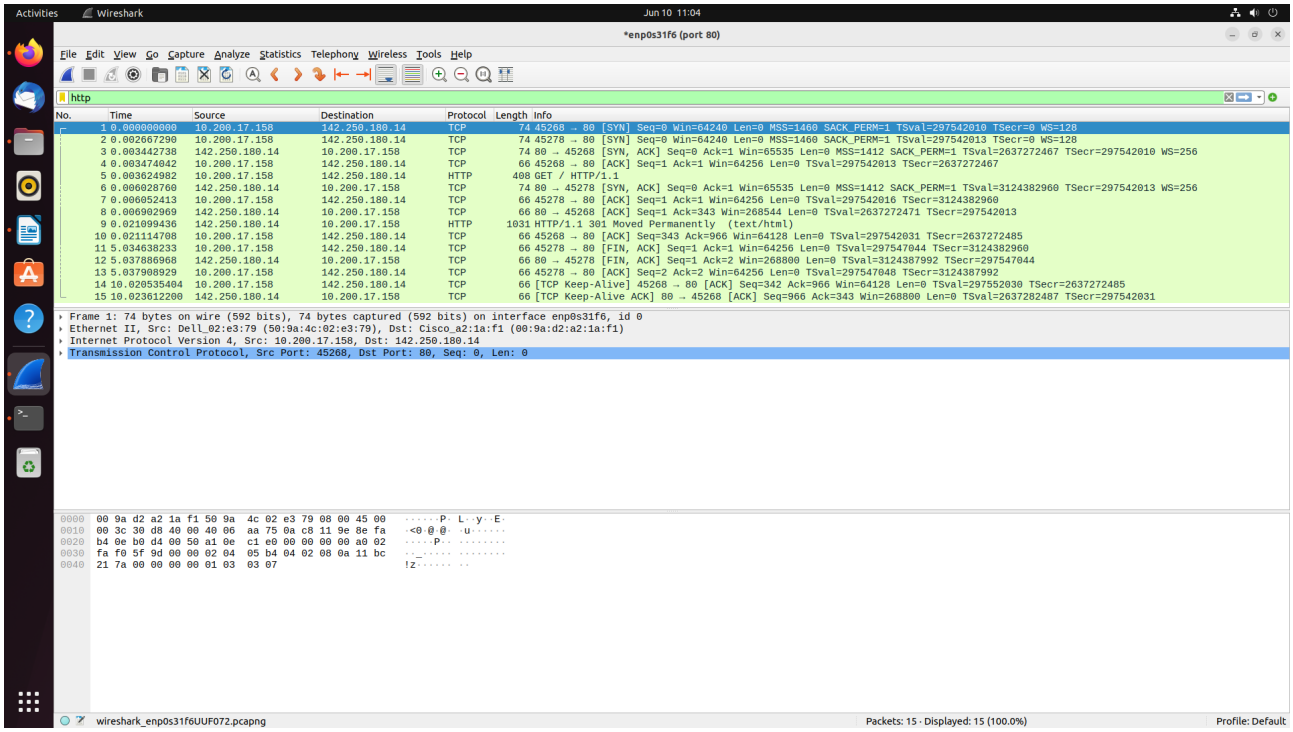
Exercise 1

For interface enx0c37965f8a25, address 192.168.10.1,
the packets captured are:

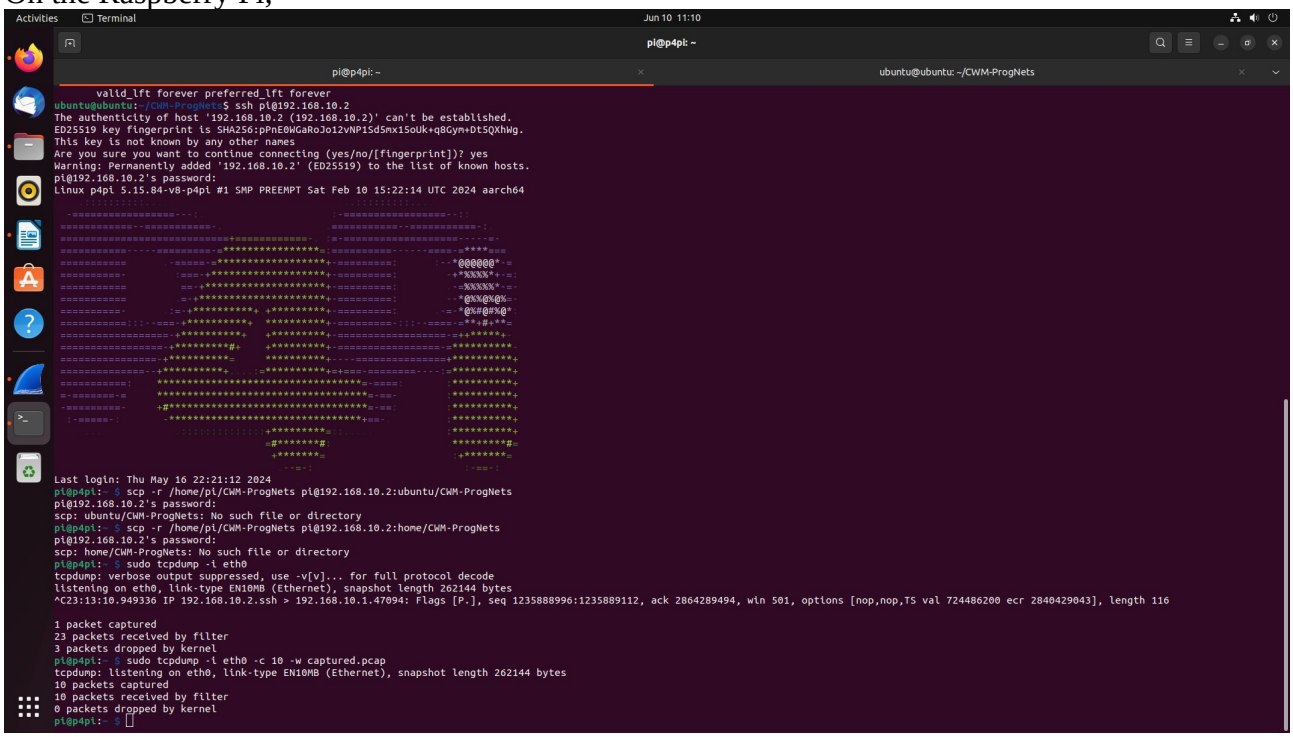


The packets captured are DNS.

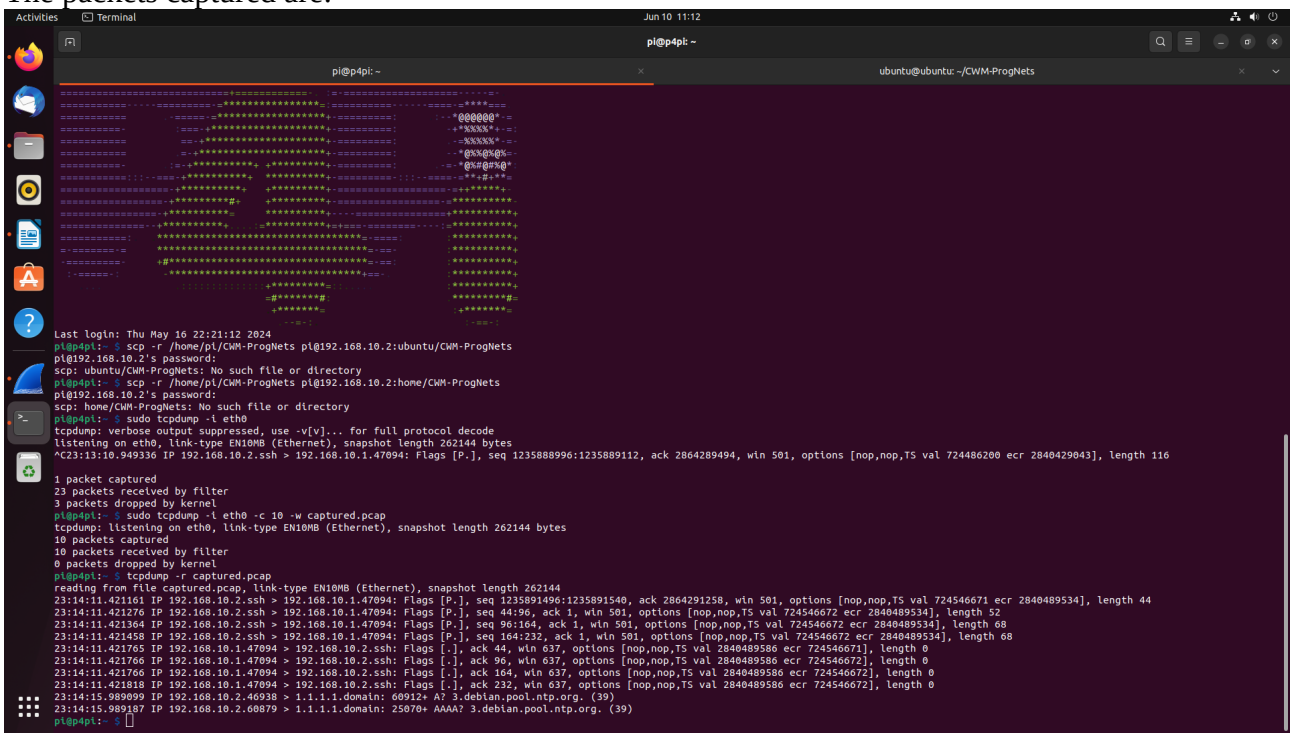


For interface enp0s31f6, address 10.200.17.158/22, to capture the http traffic, the filter port “TCP or UDP port 80 (HTTP): port 80” can be used. The packets captured when going to google.com are shown above.

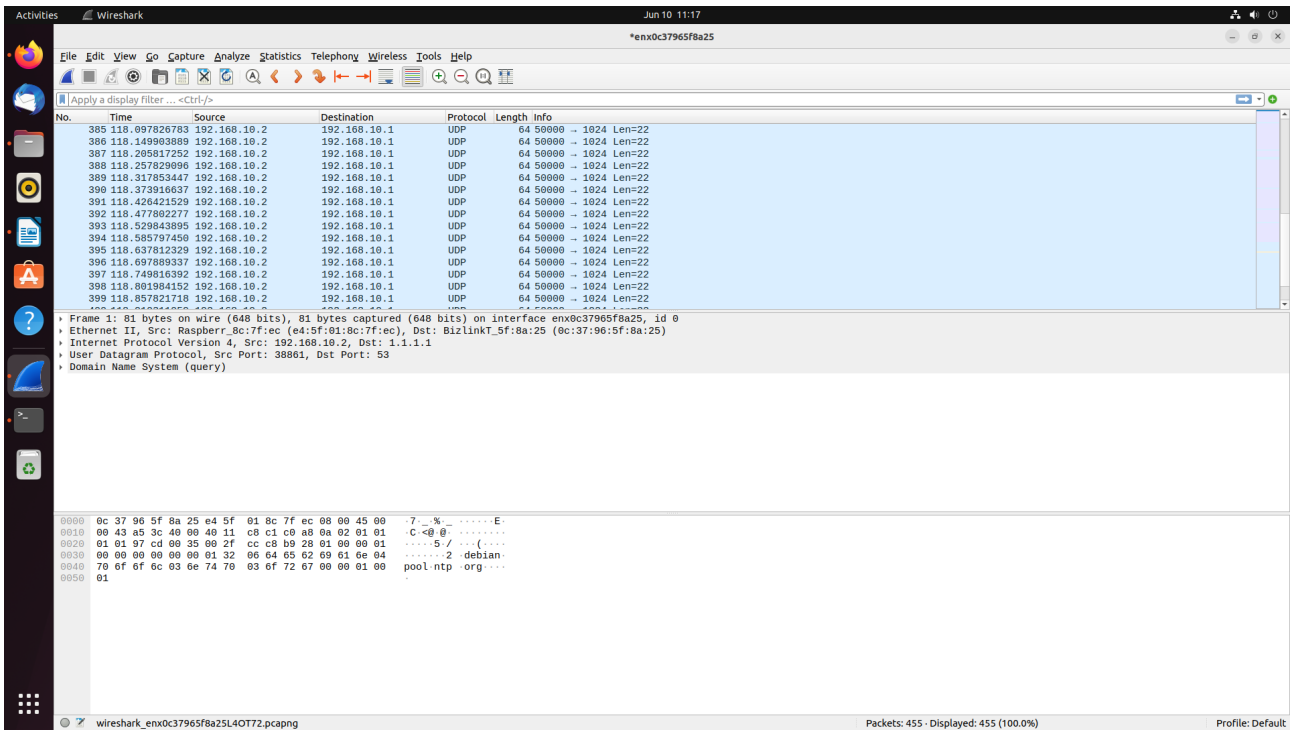
On the Raspberry Pi,



The packets captured are:

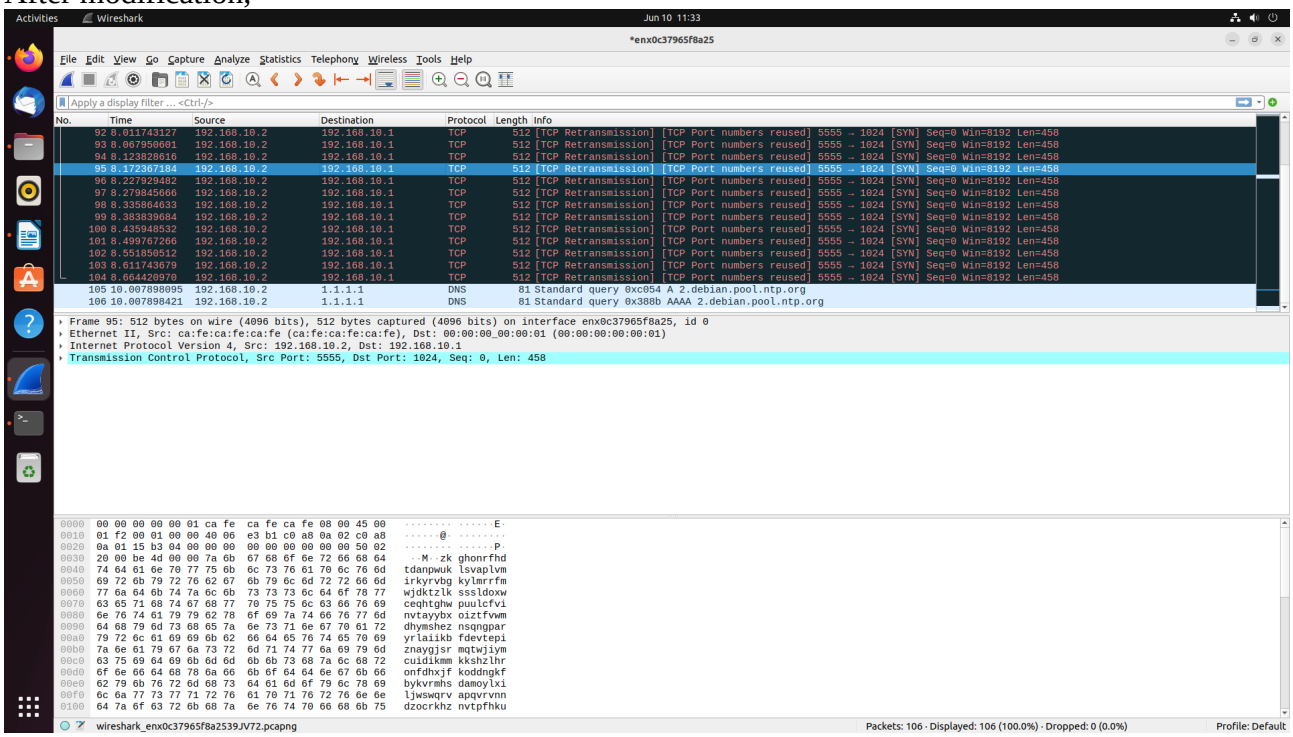


Sending from the Raspberry Pi to the local machine, the packets are:



A filter “UDP” can be used to capture only these packets.
The packets are 64 Bytes.
It uses UDP.

After modification,



Link to repo:
https://github.com/Y-J-Xue/CWM-ProgNets