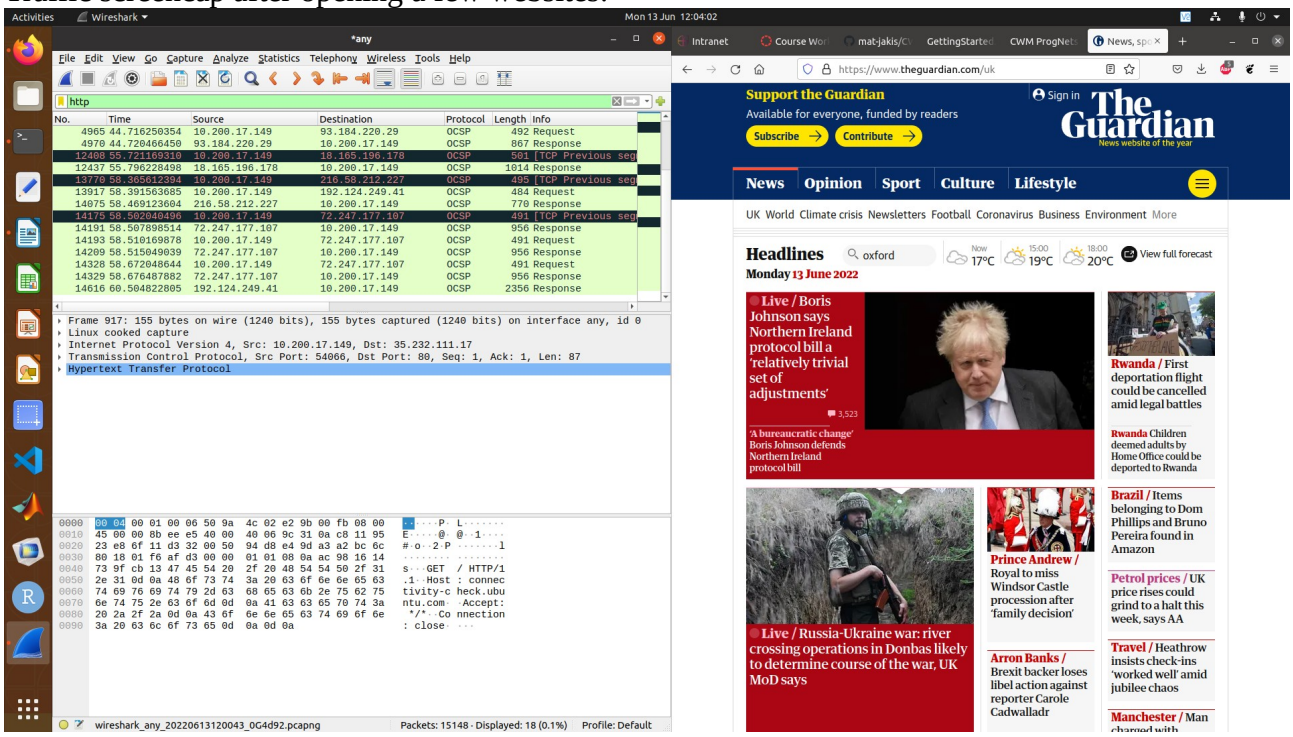
Assignment 1
Mateusz Zorga
CWM ProgNet TT22

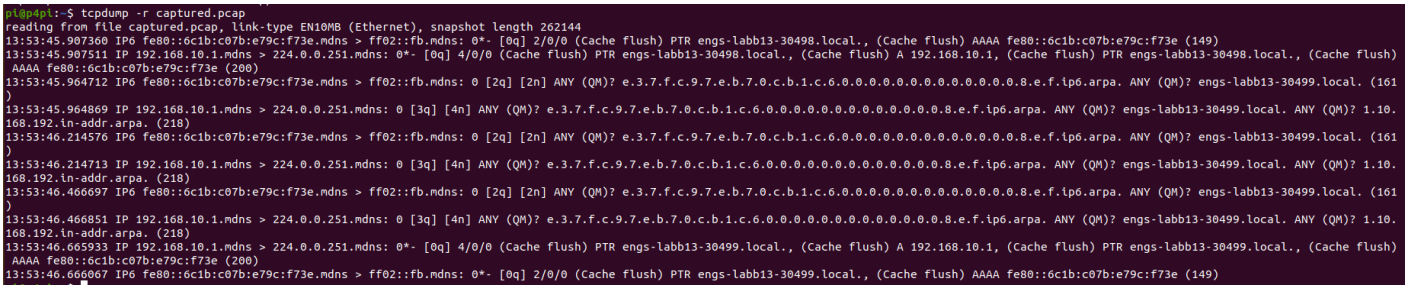
1. After using wireshark on the ethernet cable, the only traffic is “Standard query” packets sent every 20 seconds and responses to them.

2. http traffic is seen when a new website is opened. However, if the website has already been opened recently, it will use a cached version instead and the protocol is not sent.

Traffic screencap after opening a few websites:



3. RasPi captured traffic screencap:



4. - Can filter by using both the packet length (64) and computer’s IP address. This will only show the python packets sent by the PC
- Packet size is 64 bytes (512 bits)
- Protocol used is UDP

Link to new python file:
https://github.com/mat-jakis/CWM-ProgNets/blob/main/assignment1/send.py