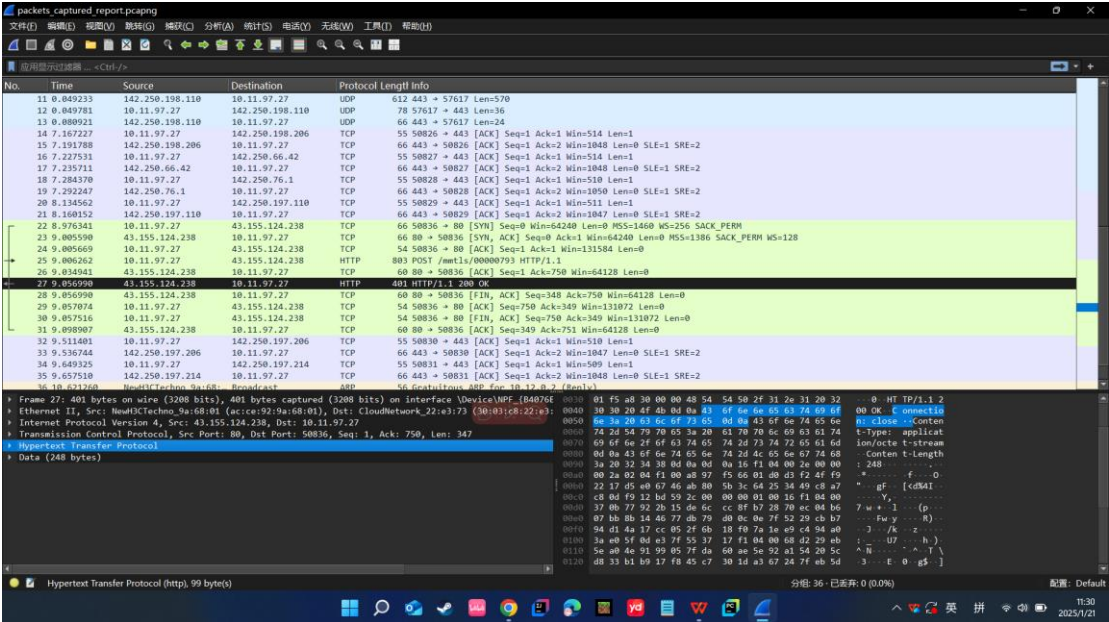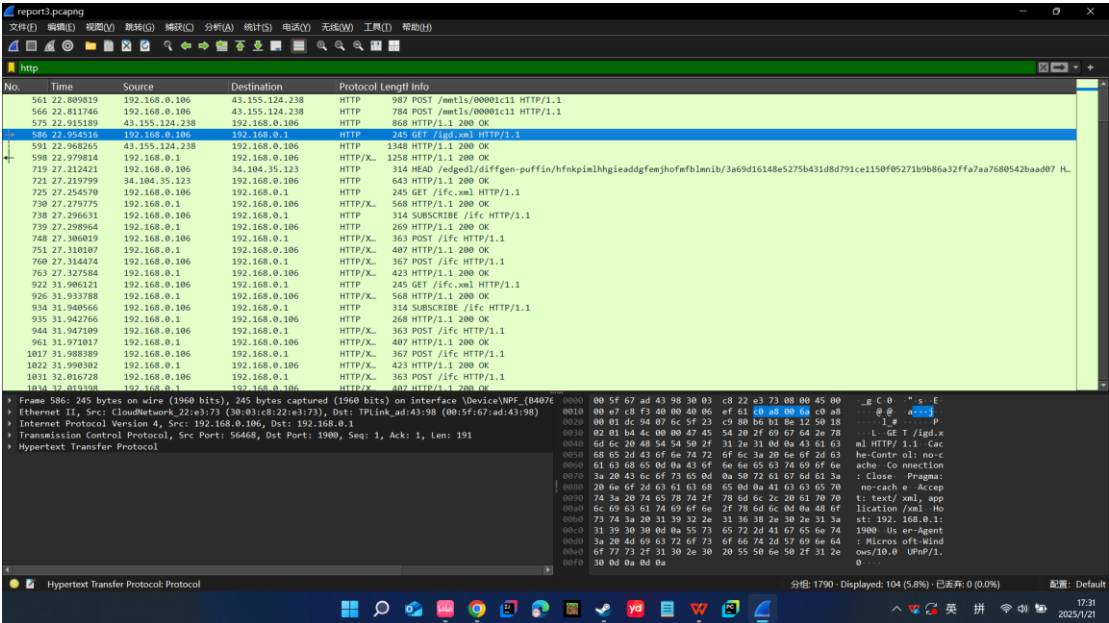COMP2322 Lab 1 report

Name: Cao Kaihan   StudentID: 23097881D

Question1:

I have found 3 different protocols, respectively are TCP, UCP, HTTP.

Question 2:

We can get the time used by using timestamp subtraction to calculate time used.

No.	Time	Source	Destination	Protocol	Length Info
561	22.809819	192.168.0.106	43.155.124.238	HTTP	987 POST /mmtls/00001c11 HTTP/1.1
566	22.811746	192.168.0.106	43.155.124.238	HTTP	784 POST /mmtls/00001c11 HTTP/1.1
575	22.915189	43.155.124.238	192.168.0.106	HTTP	868 HTTP/1.1 200 OK
586	22.954516	192.168.0.106	192.168.0.1	HTTP	245 GET /igd.xml HTTP/1.1
591	22.968265	43.155.124.238	192.168.0.106	HTTP	1348 HTTP/1.1 200 OK
598	22.979814	192.168.0.1	192.168.0.106	HTTP/X...	1258 HTTP/1.1 200 OK
719	27.212421	192.168.0.106	34.104.35.123	HTTP	314 HEAD /edgedl/diffgen-puffin/hfnkpimlhhgieaddgfemjhofmfblmnib/3a69d16148e5275b431d8d791ce1150
721	27.219799	34.104.35.123	192.168.0.106	HTTP	643 HTTP/1.1 200 OK
725	27.254570	192.168.0.106	192.168.0.1	HTTP	245 GET /ifc.xml HTTP/1.1
730	27.279775	192.168.0.1	192.168.0.106	HTTP/X...	568 HTTP/1.1 200 OK
738	27.296631	192.168.0.106	192.168.0.1	HTTP	314 SUBSCRIBE /ifc HTTP/1.1

Let's consider these two packets captured. The time used is:

22.968265 - 22.954516 = 0.013749s

Question3.

This is the GET message details. It's clear that my computer's IP address is 192.168.0.106
And the target website's address is 192.168.0.1

Question4.

printMessage.p
df

I will also attach this file on blackboard.