Task 1

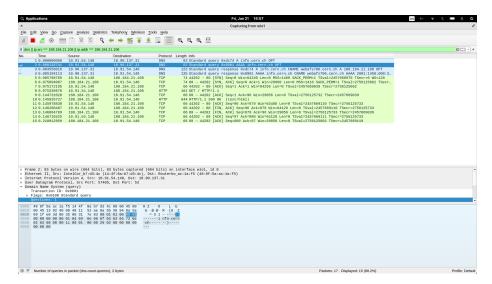
Task 2

Generally persistent connections make requests in parallel, whereas non-persistent connection make requests one by one.

But in the given example both persistent and non-persistent connections receive similar packages.

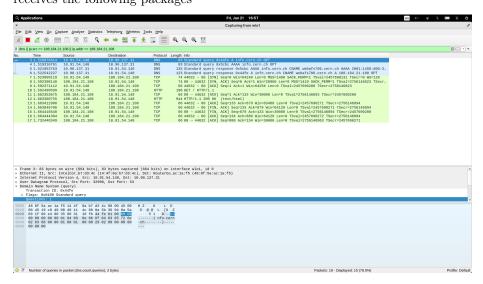
The command for persistent connection

\$ curl http://info.cern.ch -H "Connection: keep-alive" -H "Keep-Alive: timeout=5, max=100"
receives the following packages



The command for non-persistent connection

\$ curl http://info.cern.ch -H "Connection: close"
receives the following packages



Task 3

The command

\$ curl https://www.google.com/

did not give any HTML packets. This is because the connection is secure and encrypted

