Homework #1 (10 pts):

Packet Analysis on SCTP, QUIC and CoAP

1. Topic: Analysis of Packets on SCTP, QUIC and CoAP

2. References

   1) Installation of WireShark (https://wireshark.com/)

   2) Packet Analysis on HTTP, DNS: https://iot.knu.ac.kr/tech/ISL-TR-20-01-wireshark.pdf

      ⇨ This is just for your information.

   3) Packet Analysis on SCTP, QUIC and CoAP:

      https://github.com/iot-standards-laboratory/lecturehw.packetCapture

      https://youtu.be/Q08rkugYsw8

3. Homework Assignment

   ① Perform the traffic analysis on SCTP, QUIC and CoAP, as per Reference (3)

   ② Capture the resulting screen for each test instance and analyze the results.

      ⇨ You may use the filtering functions to display the screen appropriately.

      ⇨ Edit the resulting screen and describe (analyze) the results in details.

   ③ Make a report based on your work. (in Korean or English)

4. Submission

   ✧ **Upload your report on LMS "homework"**

      ■ The cover page should include your personal information (ID, name, ..)

      ■ The file name may be STUDENT-ID-Name.pdf

   ✧ **Due Date: 18 May (Monday)**

   ✧ Q/A (via e-mail)

      ■ T.A.: godopu16@gmail.com

5. Evaluation: Total 10 pts

   ⇨ Submission within the due date: 5 pts

   ⇨ Evaluation on the reports: 0 ~ 5 pts