Term Assignment #2 announced on 9 Dec 2020

Due at 23:59 in Dec 28 2020 for both classes.

Upload **your code (.py, .ipynb, or .java)** to the homework submission system.

Q0. Watch the video of TFTP codes provided by the course site. Read the example codes of TFTP server and TFTP client. Download tftp packet capture files from course website, open them by Wireshark and try to understand the TFTP protocol.

Q1. Modify the TFTP server code of provided by TA and make it a more completed TFTP server that supports the following functions.

- The server runs at **UDP port 6969** on **127.0.0.1** IP address.
- Implement **roll-over block id**. blockNum 超過 65535 就要回到 0 or 1
- When testing, the filename of the big file will be 'bigfile.txt'.

Note:

- TA will use a commercial TFTP client to connect to your server and see if the expected behavior occurs.
- Your server should be runnable without any user input. TA will use a script to automatically execute your server codes. You should test your server codes in the same way. Otherwise, no points will be given.
- Since we do not require document, please write **comments** in your codes. The comments will be graded as well.