ASSIGNMENT 1 - README

HTTP REQUESTS FORMAT:

GET : GET /assignment1?request=key1 HTTP/1.1
PUT : PUT /assignment1/key1/val1 HTTP/1.1
DELETE : DELETE /assignment1/key1 HTTP/1.1

QUESTION 1:

1. Commands to run:
    1. Open terminal, go to "/home/p4/tutorials/exercises/basic"
    2. Run "make clean"
    3. Run "make run"
    4. You are now on the mininet prompt.
    5. Run below commands to open the Host terminals:
        a. "xterm h1"
        b. "xterm h2"
    6. Commands to run on h2's terminal
        a. bash h2-arp.sh (run once every time you run "make" above)
        b. python server.py (here, enter the IP address as 10.0.1.2)
    7. Command to run on h1's terminal
        a. bash h1-arp.sh (run once every time you run "make" above)
        b. python client.py (here, enter the IP address as 10.0.1.2)
    8. In client.py, enter the HTTP request as per specified format.

QUESTION 2:

1. Command to run:
    1. Open terminal, go to "/home/p4/tutorials/exercises/star"
    2. Run "make clean"
    3. Run "make run"
    4. You are now on the mininet prompt.
        a. xterm h1
        b. xterm h2
        c. xterm h3
    5. Command to run on h3's terminal
        i. bash h3-arp.sh (run once every time you run "make" above)
        ii. python server.py (here, enter the IP address as 10.0.1.3)
    6. Commands to run on h2's terminal
        i. bash h2-arp.sh (run once every time you run "make" above)
        ii. python cache.py (here, enter the cache IP address as 10.0.1.2. Enter server IP address as 10.0.1.3)
    7. Commands to run on h1's terminal
        i. bash h1-arp.sh (run once every time you run "make" above)
        ii. python client.py(here, enter the IP address as 10.0.1.2)
    8. In client.py, enter the HTTP GET request as per specified format.