In the first week of the class, I learned the basic construction of the web and various protocols behind the website. A single web can own many layers from the clients’ side to the web server, and the process of visiting a website can be regarded as receiving an mail. Many institutions and protocols are working during this process, such as W3C, URL, and Brower. Furthermore, a URL contains information for clients to visit a website. Protocol, hostname, port, top-level- domain and sub-domain compose a URL. Even a single mistyping or error in the URL, clients would have difficulty to visit a certain website. And the domain name is another format of the IP address that is more rememberable by humans' brains.

Question: What’s the difference between protocol ‘HTTP’ and ‘HTTPS’?