

Week1-Lecture

Tech-using

front-end

- HTML CSS JS

Back-end

- python-flask

Database

- SQL

Assessment

50% exam

10% lab-tasks

15% quizzes

25% Web System Implementation

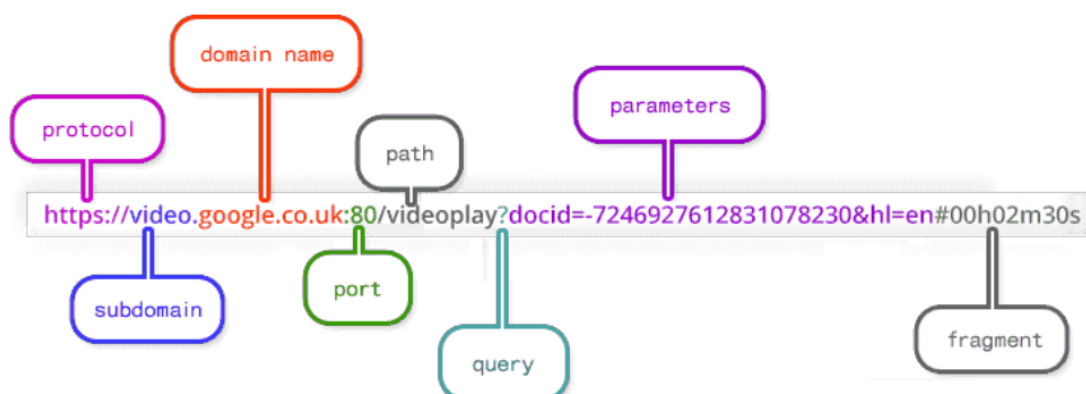
TCP/IP

Transmission Control Protocol/Internet Protocol allows devices on the Internet to communicate with each other.

IP address used to identify all different devices connected to the Internet

Domain name and URL

URL(Uniform Resource Locator)



Domain name is only a part of URL



SLD : Second Level Domain

TLD : Top Level Domain

Conclusion

- Devices connected on the Internet rely on TCP/IP protocol to communicate.
- IP addresses are four-part numbers xxx.xxx.xxx.xxx
- DNS translates IP addresses to domain names for human.
- URN/URI identify resources on the Internet, URL identify paths or locations of the resources.
- HTTP is a standard protocol for web communication.
- Commonly used HTTP requests are GET and POST.