ENSF381 – Lab1

**Section:** L03

**Date:** 2024-01-17

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# 2.7.1

[Place for your answer]

The content of the address bar shows the directory of the index.html file when opened from the file explorer, and it shows the IP address of the local host when opened via ‘open with live server’. The local server has IP 127.0.0.1, hence these numbers are present in the address bar when opened using the live server.

# 3.1.a

[Place for your answer]

URL specifies the location of a resource on the internet, whereas a URI specifies the location of resources regardless of whether or not they’re on the internet. Hence all URLs are URIs.

# 3.1.b

[Place for your answer]

https://auth.example.com/site1?name=Alex&num=123

https:// – protocol

auth - subdomain

.example – domain

.com – top level domain

/site1 – path

? – query string separator

name=Alex&num=123 – parameter

# 3.2.a

[Place for your answer]

Website domains are unique names that websites have. These names are textual versions of the IP addresses, the numbers that point to that same website. The IP is also unique.

# 3.2.b

[Place for your answer]

IP of ucalgary.ca - 136.159.96.125

# 3.2.c

[Place for your answer]

116 domains on ucalgary.ca

# 4.1

[Place for your answer]

HTML stands for hypertext markup language and is used to create web pages, whereas HTTP is a protocol that allows communication between client computers and web servers by sending requests and receiving responses. HTTP stands for hypertext transfer protocol.

# 4.2

[Place for your answer]

Market shares of the 10 most popular browsers:

1. Chrome – 77.03%
2. Safari – 8.87%
3. Firefox – 7.69%
4. Edge – 5.83%
5. Opera – 2.43%
6. Internet Explorer – 2.15%
7. QQ – 1.98%
8. Sogue Explorer – 1.76%
9. Yandex – 0.91%
10. Brave – 0.05%

Reference: https://kinsta.com/browser-market-share/

# 5.8.1

[Place for your answer]

# 5.8.2

[Place for your answer]