ENSF381 – Lab1

**Section:** L03

**Date:** 2024-01-17

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| --- | --- | --- |
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# 2.7.1

[Place for your answer]

It is different because the one opened with the live server is opened from the localhost while the one from the file explorer is opened as a file.

# 3.1.a

[Place for your answer]

A Uniform Resource Identifier (URI), is a sequence of characters that identify a name or unique resource on the internet. URIs can be broken into two main categories: URLs and URNS.

A Uniform Resource Locator (URL) is often defined as a string of characters that is directed to an address, it is a very commonly used way to locate resources on the web.

|  |  |
| --- | --- |
| URIs: | URLs: |
| A URI contains Scheme, authority, path, query, and a fragment | A URL has a specific syntax which includes: Protocol e.g. http:, ftp:, domain name, and path |
| URIs can be used to identify any type of resource, such as a web page, an image, a video, or a specific piece of information, not just on the internet | URLs is a specific type of URI that specifies the location of a resource on the internet |

# 3.1.b

[Place for your answer]

Protocol: https:

Subdomain: auth

Domain name: example.com

Path: site1

Query: ?

Parameters: name=Alex&num

Fragment: 123

# 3.2.a

[Place for your answer]

Website domains are the textual version of the IP address which makes it easier for people to locate a website, instead of a series of numbers and dots

# 3.2.b

[Place for your answer]

136.159.96.125:443

Reference: ucalgary.ca

# 3.2.c

[Place for your answer]

116

# 4.1

[Place for your answer]

HTTP stands for Hypertext Transfer Protocol and is a protocol for transferring data over the web. It is the foundation of the web and allows for communication between web clients and servers. While HTML stands for Hypertext Markup Language and is a markup language used to structure and format content on the web.

Reference: <https://www.scaler.com/topics/difference-between-html-and-http/>

# 4.2

[Place for your answer]

Chrome : 64.7%

Safari: 18.59%

Edge: 4.96%

Firefox: 3.35%

Opera: 2.86%

Samsung Internet: 2.6%

UC Browser: 0.87%

Android: 0.42%

360 Safe Browser: 0.28%

Yandex Browser: 0.32%

Reference: <https://gs.statcounter.com/browser-market-share>

# 5.8.1

[Place for your answer]

# 5.8.2

[Place for your answer]