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 is different in the two browsing methods because the first method (running through live server) runs the html file through the localhost server. The second method (running from file explorer/finder) runs the html file from the local machine.

# 3.1.a

[Place for your answer]

URL stands for uniform resource locator, and URI stands for uniform resource identifier. One of the key differences is that a URL provides information on what protocol is used. All URLs are URIs as well, but not all URIs are URLs. A popular example of the dynamic between URLs and URIs is that a URI is like your name (an identifier), while a URL is like your address (a locator).

References:

* <https://stackoverflow.com/questions/176264/what-is-the-difference-between-a-uri-a-url-and-a-urn>
* <https://www.geeksforgeeks.org/difference-between-url-and-uri/>

# 3.1.b

[Place for your answer]

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

The protocol is the ‘https://’ section.

The domain is separated into sub-domains.

The ‘auth’ is a sub-domain, the ‘example’ is the second-level domain.

Then the ‘.com’ is the top-level domain.

The ‘/site1’ is the path, while the ‘?/’ is the query.

The ‘name=Alex&num=123’ is the parameter.

References: <https://blog.hubspot.com/marketing/parts-url>

# 3.2.a

[Place for your answer]

Essentially, domain names are text version of IP addresses, which allows people easy access. These domains are translated using DNS (Domain Naming System). For example, google.com is a domain name, while an IP address may look like 113.156.21.551.

References:

* <https://medium.com/@rohitaher023/relationship-between-domain-name-and-ip-address-ac410df333bd>

# 3.2.b

[Place for your answer]

The IP address of ucalgary.ca is: 136.159.96.125

# 3.2.c

[Place for your answer]

# 4.1

[Place for your answer]

# 4.2

[Place for your answer]

# 5.8.1

[Place for your answer]

# 5.8.2

[Place for your answer]