ENSF381 – Lab1

**Section:** L01/L02/L03 *[Keep only one]*

**Date:** 2024-01-15

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# 2.7.1

The second picture is a file path of someone’s local machine (computer). The address bar shows the path of the local machine, showing the directory for the webpage. The first picture however, uses an IP address to run the local web server.

# 3.1.a

URL (Uniform Resource Locator) specifies the location of a resource on the internet. These are used to access web pages and other resources on the web. These are also a specific type of URI.

URI (Uniform Resource Identifier) can be used to identify any type of resource, not just those on the internet. These can be divided into two categories URL and URN (Uniform Resource Name).

# 3.1.b

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

Yellow = Scheme;

Green = Subdomain;

Red = Second-Level domain;

Pink = Top-level domain;

Blue = Subdirectory;

Gray = URL parameters;

# 3.2.a

An IP (Internet Protocol) address is a numerical label that is assigned to a device connected to a computer network that uses IP for communication. It is used for network interface identification and local addressing.

A web domain name is a simple easy to remember name that’s associated with a physical IP address on the internet. Internet domain names are located and translated into IP addresses. This allows people to navigate the internet.

# 3.2.b

The IP address of ucalgary.ca is 136.159.96.125

# 3.2.c

[Place for your answer]

# 4.1

HTTP (Hypertext Transfer Protocol) is and application protocol that specifies a set of standards to regulated how information on the web is transmitted. It defines standard rules by which web browsers and servers communicate.

# 4.2

[Place for your answer]

# 5.8.1

[Place for your answer]

# 5.8.2

[Place for your answer]