

Name: Ng Yin Yu

Student ID: DCS2409330

Website Design Tutorial Lesson 1

1. A collection of web pages **is called a website.**
2. A collection of website **is called the World Wide Web (WWW).**
3. URL stands for **Uniform Resource Locator.**
4. State **Two(2)** differences between HTTP and HTTPS.

HTTP	HTTPS
Hypertext Transfer Protocol	Hypertext Transfer Protocol Secure
in the address bar, it's written as http://	https:// is written in the address bar
No authentication	Uses SSL certificates to verify website identity
It is insecure because plain text is sent, making it vulnerable to hackers	It's safe because it sends encrypted data that hackers can't decipher

5. State **Two(2)** differences between static website and dynamic website.

Static Website	Dynamic Website
Web pages are prebuilt source code.	Web pages are not prebuilt source code.
No processing of content on the server.	Content executed by the server (Web Server), later on page is sent to the browser.
Displays the same information to all visitors.	Allow to create a user profile
Web pages are returned by the server with no change, therefore static Websites are fast.	Web pages are slower than static websites because of updates and changes.
Client-side technologies are HTML, CSS and JavaScript.	Use languages like PHP
Static web pages are made of fixed code, unless the website developer makes changes	Dynamic web pages are generated real time and chnages regularly.
No interaction with databases	