Name: Nim Pengly

Class: ITE-A3

**Homework**

**HTML:**

1. ***Why avoid inline styles?***

**Answer:** Inline styles mix HTML and CSS, making the code harder to maintain. It’s better to use external CSS files for cleaner and more reusable code.

1. ***What is the purpose of <!DOCTYPE html>?***

**Answer:** It tells the browser to use HTML5, ensuring the page displays correctly without falling back to old rendering methods.

1. ***How does <meta charset="UTF-8"> work?***

**Answer:** It defines the character encoding for the page, making sure all characters (like symbols and non-English letters) display correctly.

**CSS:**

1. ***How do media queries work?***

**Answer:** Media queries apply different styles based on the device's screen size, helping make websites responsive and adaptable to various devices.

1. ***What is a CSS preprocessor?***

**Answer:** A CSS preprocessor (like SASS) adds extra features like variables and nesting to make CSS easier to manage and scale.

1. ***Difference between @import and <link> in CSS?***

**Answer:** @import loads a CSS file after the main one, slowing down load times. <link> loads stylesheets faster and in parallel with other resources.

**SYSS (System Security):**

1. ***What is SYSS used for?***

**Answer:** SYSS protects systems and data from unauthorized access and cyber threats, ensuring privacy, safety, and compliance.

1. ***How does it work?***

**Answer:** It uses multiple defenses like authentication, encryption, firewalls, and malware protection to keep systems secure and prevent attacks.

1. ***What is the purpose of a VPN?***

**Answer:** A VPN creates a secure, private connection to the internet, hiding your data and online activity from third parties.