

VIETNAM NATIONAL UNIVERSITY HO CHI MINH CITY
UNIVERSITY OF INFORMATION TECHNOLOGY
FACULTY OF INFORMATION SYSTEMS



Web Application Development

Topic: Introduction to HTML/CSS

LAB 1:

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Class: **MSIS207.O11.CTTT**

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1. Task 1: Upgrade your exercise 2 – The CV. Using CSS and making as this sample.

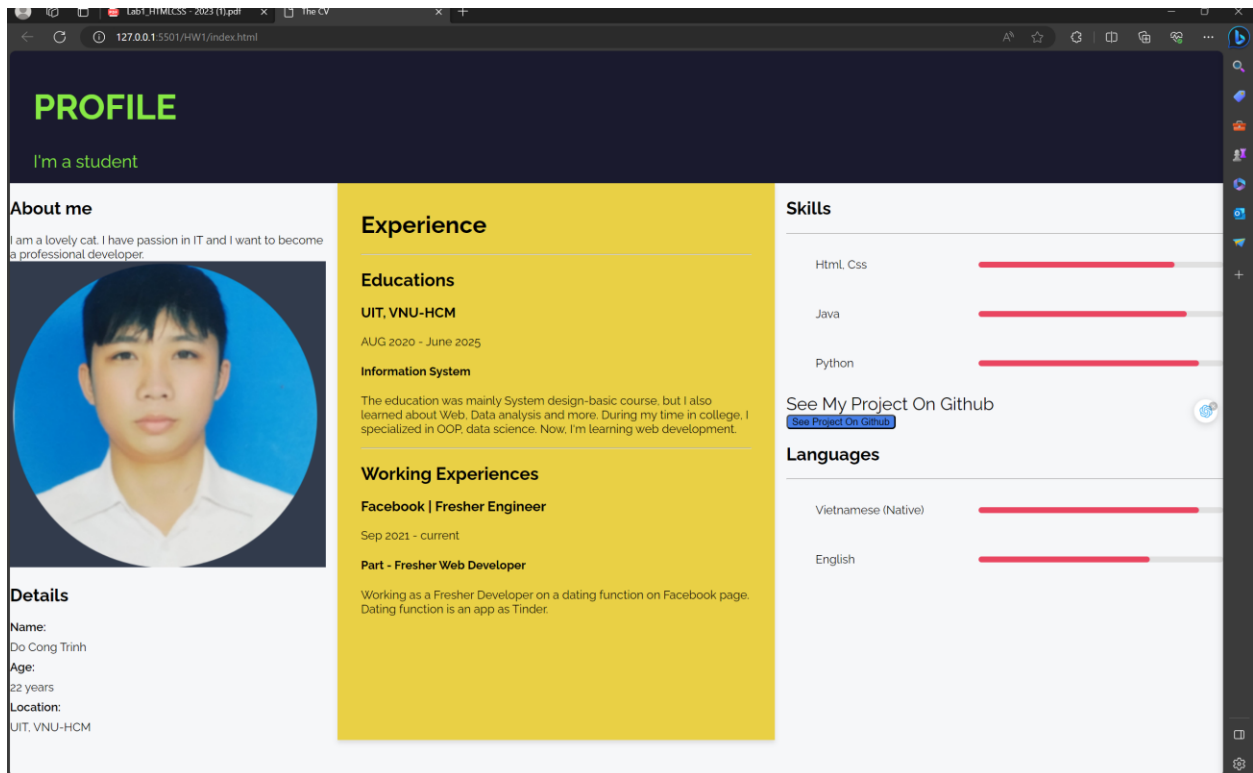


Image 1: Homework 1.

2. Task 2
a. StylesA.css

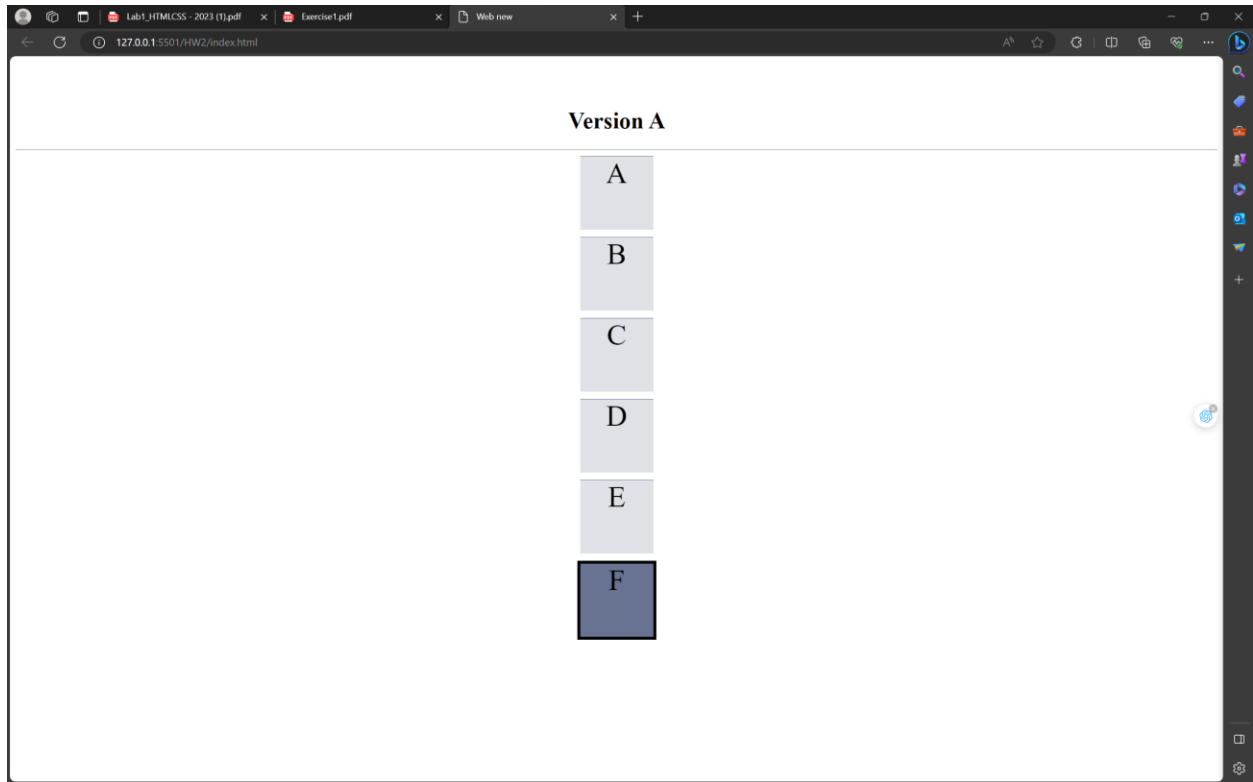


Image 2: Image StylesA.css

b. StylesB.css

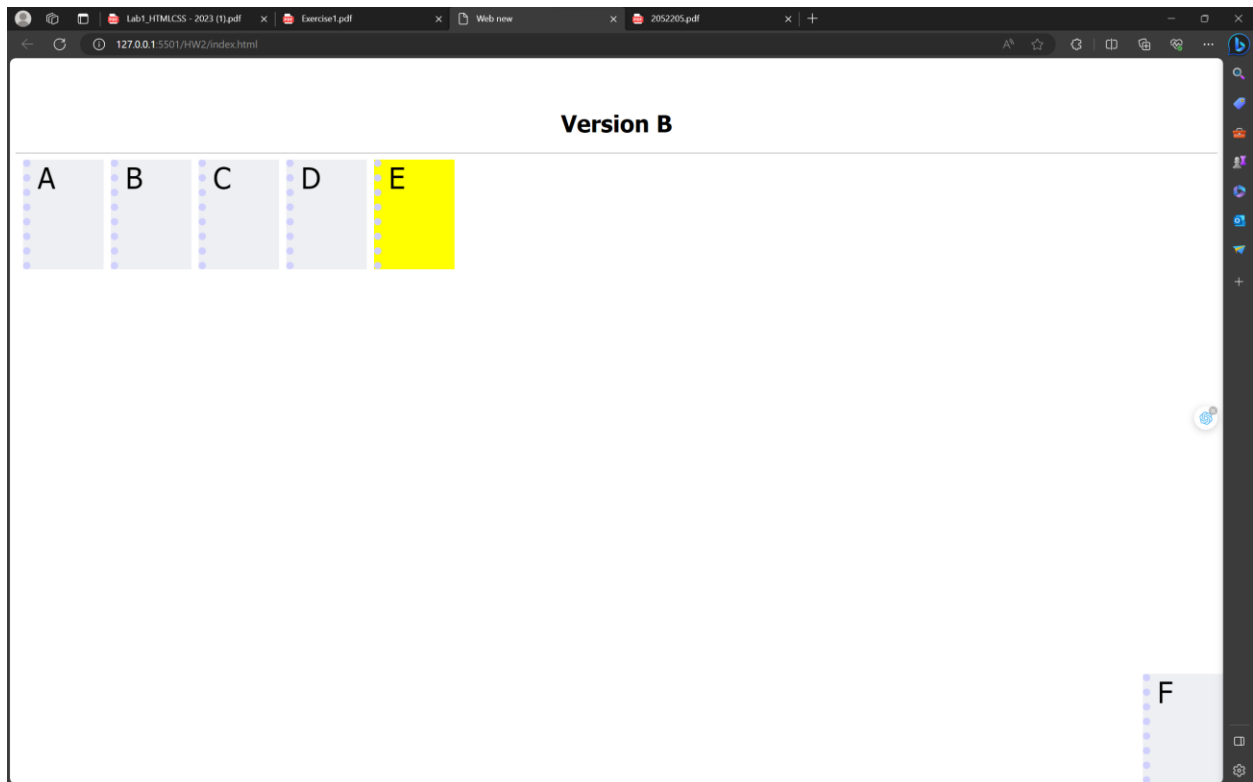


Image 3: Image StylesB.css

3. Task 3: Clone fanpage

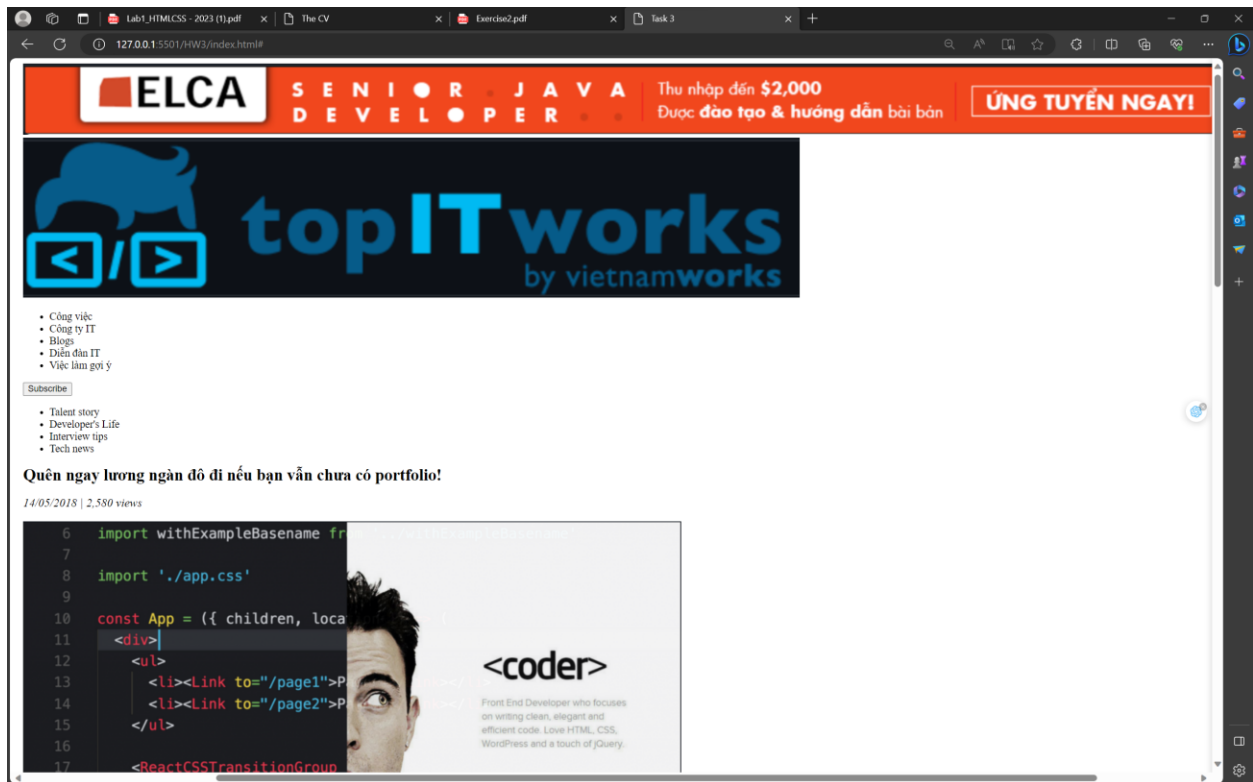


Image 4: Clone fanpage.

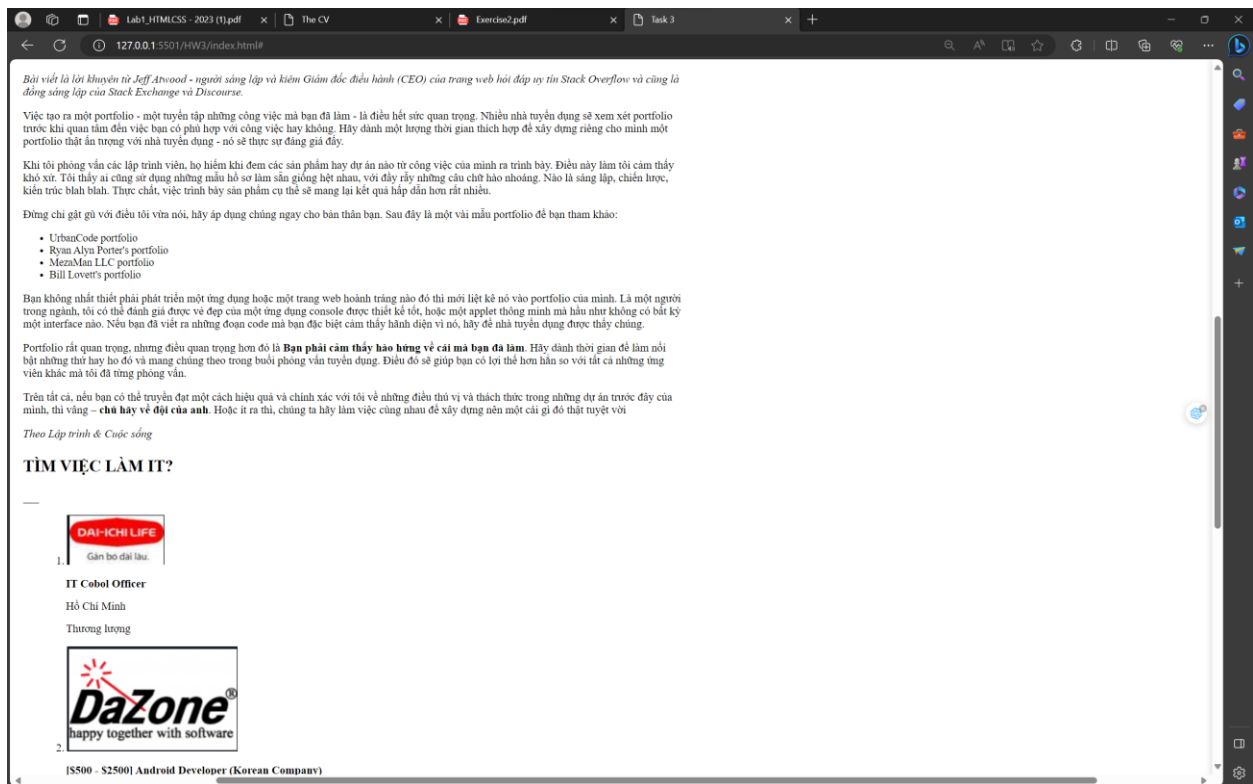


Image 5: Clone fanpage.

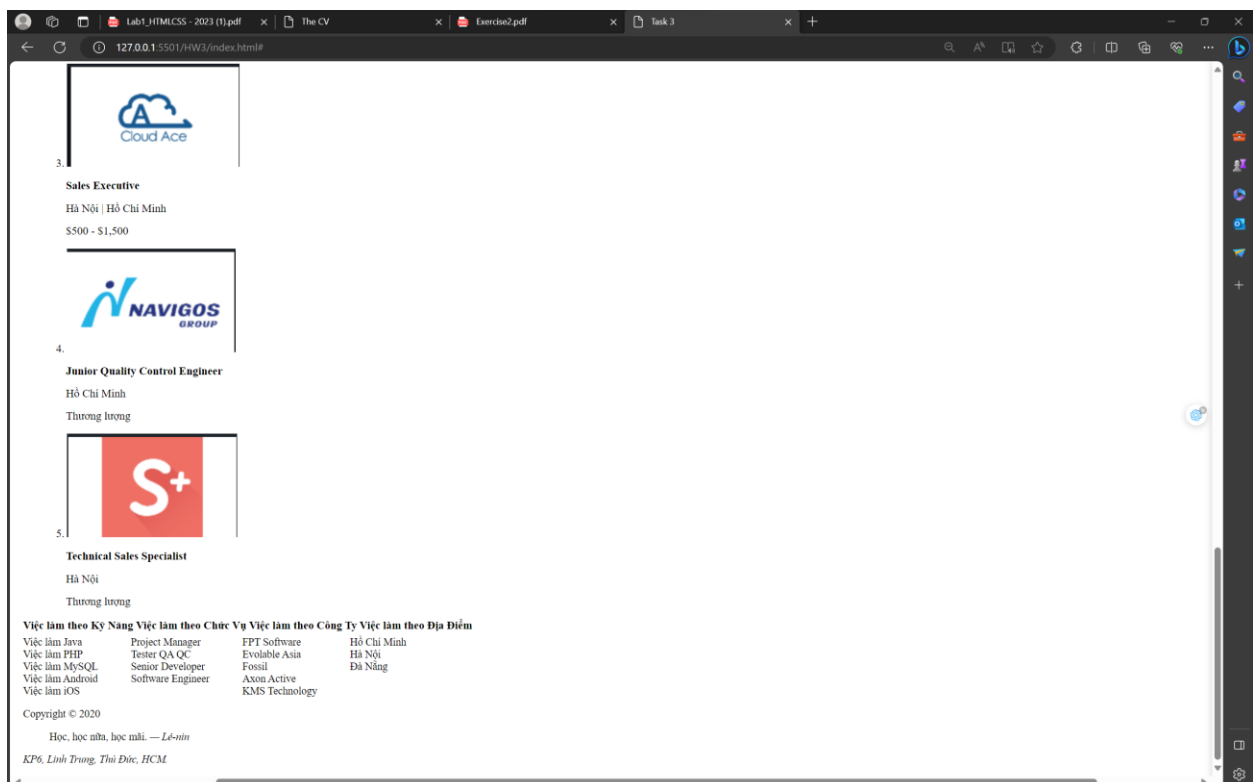


Image 6: Clone fanpage.

4. Overview knowledge:

a. Bootstrap Framework:

- **Introduction:**
 - Bootstrap is a free and open-source front-end framework developed by Twitter.
 - It provides a standardized set of components and tools for creating responsive and mobile-first web pages.
 - Based on a 12-column grid system.
- **Components:**
 - **Layout:** Grid system, containers, and layout utilities.
 - **Content:** Typography (headings, paragraphs, lists, etc.), images, figures, and tables.
 - **Forms:** Input fields, custom forms, input groups, and more.
 - **Buttons:** Different styles, button groups, and JavaScript-powered buttons.
 - **Navigation:** Navs, navbar, breadcrumb, pagination, etc.
 - **Utilities:** Border, color, display, spacing, and other utility classes.
 - **Modals & Popups:** Dialog prompts, tooltips, and popovers.
 - **Carousel:** A slideshow component.
 - **Alerts:** Provides feedback messages.
 - **Progress Bars:** Visualize content loading or task progression.
 - And many more...
- **Features:**
 - **Responsive Design:** Automatically adjusts your website to fit different screen sizes.
 - **Customizable:** Can be customized based on your needs using its SASS variables.
 - **Components:** Pre-styled components which can be directly implemented.
 - **JavaScript Plugins:** Offers JavaScript plugins for interactions.
 - **Browser Compatibility:** Designed to be compatible with all modern browsers.

b. Summary knowledge:

❖ Web Page Structure (HTML):

- **Document Setup:** The document is defined with the standard HTML5 `<!DOCTYPE>` declaration. It utilizes the `<html>`, `<head>`, and `<body>` tags for structure.
- **Meta Data:** Inside the `<head>`, the character set is specified using `<meta charset="UTF-8">`.
- **Styling:** An external CSS file (`index.css`) is linked to the HTML for styling purposes.
- **Layout:**
 - **Banner:** Contains an image (`Untitled.png`) displayed at full width.
 - **Navigation:** Utilizes the `<nav>` element with a list (``) to create menu options such as "Công việc" and "Công ty IT".

- **Content:** Contains text content (headings, paragraphs) and images. Also, includes additional lists, buttons, and links.
- **Footer:** Contains various categories of information like job types, copyright, and an address.

❖ **Styling (CSS):**

- **Container:** The main content wrapper with a fixed width centered on the page.
- **Column and Job Layout:** Uses the Flexbox model for arranging items in columns.
- **Navigation:** Styles for navigation bar items include removing text-decoration and setting color.
- **Content Styling:** There are specific styles for paragraphs (`<p>`) and lists (`` and ``), ensuring consistent font sizes and decorations.
- **Images and Lists:** Specific classes are used to style images and lists inside the `.list` class. Elements are set with fixed dimensions, margins, and other visual properties.
- **Typography:** Styles are specified for font size, weight, and decoration.

❖ **Key Observations:**

1. The web page seems to be related to IT job offerings and related content based on the text elements.
2. The layout is designed to be structured and visually appealing with navigation, content, and footer sections.
3. The CSS is utilized to ensure consistency, improve readability, and enhance the overall visual appeal.
4. Flexbox is used to handle the layout for certain sections, allowing for more complex design patterns with a simpler codebase.
5. Several inline styles are used in the HTML. Ideally, these styles should be moved to the CSS file for better organization and maintainability.

Overall, the code showcases a standard web page structure with a clear layout, styled navigation bar, content area, and footer. The design seems oriented towards providing information about IT jobs, news, and tips. The CSS helps to enhance the visual appeal and user experience of the page.