

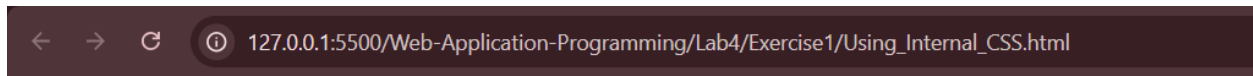
Dương Ngọc Linh Đan – 2374802010091

Result:

3 Practical Exercises

3.1 Exercise 1: Using Internal CSS

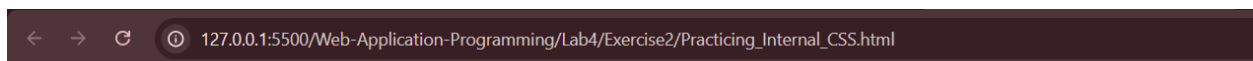
Use the provided CSS code as Internal CSS to style the <h1> tag.



Internal CSS

3.2 Exercise 2: Practicing Internal CSS

Use Internal CSS to style the <h1> tag with color red and the <p> tag with color green. Internal CSS is defined within a <style> tag in the HTML file.



Lorem ipsum dolor sit.

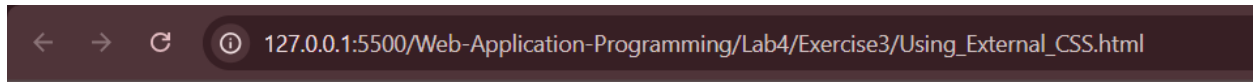
Lorem ipsum dolor sit amet consectetur adipisicing elit. Animi, sed est rem. Velit quaerat quas fugiat nam eum deserunt recusandae.

FOR ALL

Lorem ipsum dolor sit, amet consectetur adipisicing elit. Fuga saepe obcaecati vitae fugit temporibus culpa placeat cumque suscipit nobis molestias.

3.3 Exercise 3: Using External CSS

Link the style.css file to index.html to style the <h1> tag.

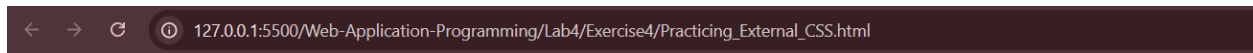


External CSS

3.4 Exercise 4: Practicing External CSS

The index.html file includes elements with ID and class attributes. Use CSS to:

1. Set color red and font-size 24px for the tag with id="heading".
2. Set color green for tags with class="paragraph".



Lorem ipsum dolor sit amet.

Hello everyone

Lorem ipsum dolor sit amet, consectetur adipisicing elit. Pariatur quis repellat dolore molestias illum. Pariatur perferendis reprehenderit quam ipsum quod.

Click this image to open the video, friends!

Lorem ipsum dolor sit amet consectetur adipisicing elit. Rerum minus ipsa nobis atque repellat laudantium, laboriosam consequuntur soluta. In, architecto?

3.5 Exercise 5: Using Basic CSS Properties

Set the font size of the <p> tag to 16px.

127.0.0.1:5500/Web-Application-Programming/Lab4/Exercise5/Basic_CSS_Properties.html

Join the IT-VanLang student community on Facebook

Thousands of others are following the same learning path as you. Join to ask questions, share, and support each other during the learning process.


Join the group


After clicking “Join the group”:

facebook.com/itvlu

facebook

Email or phone Password Log in Forgotten account?



 **Đại Học Văn Lang - Khoa Công Nghệ Thông Tin**
4.5K likes • 5.2K followers

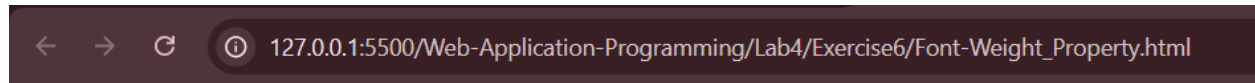
Posts About Reels Photos Videos

Log in or sign up for Facebook to connect with friends, family and people you know.

Log in or Create new account

3.6 Exercise 6: Using Font-Weight Property

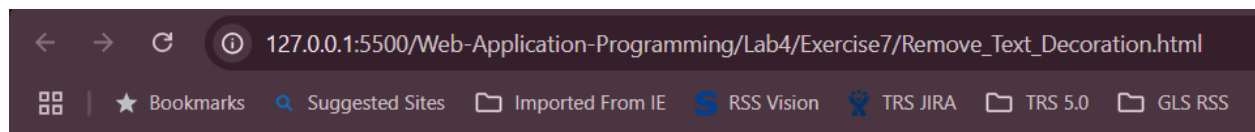
Add the font-weight property with a value of normal or 400 to make the <h1> text normal, overriding its default bold (700) value.



Today is a beautiful day!

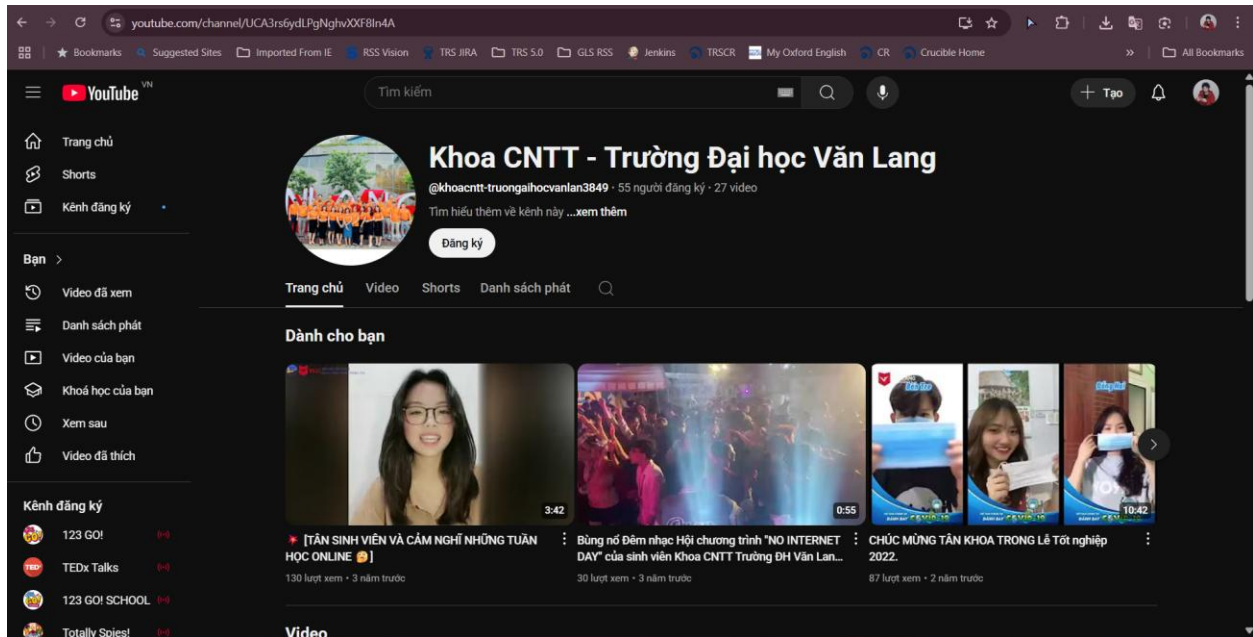
3.7 Exercise 7: Removing Text Decoration

Remove the underline from the <a> tag using the text-decoration property with a value of none.



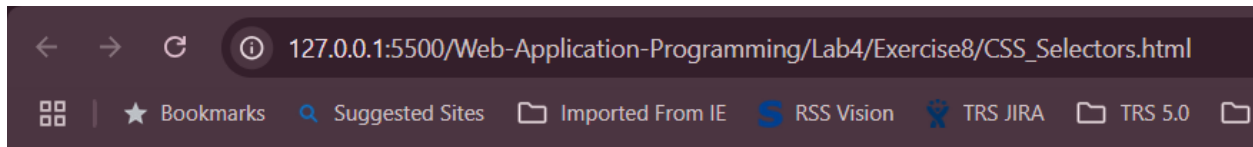
[Van Lang IT Faculty YouTube Channel](#)

After clicking “Van Lang IT Faculty Youtube Channel”:



3.8 Exercise 8: Practicing CSS Selectors

Style the second <h2> title (inside <div class="post-item">) with color red and fontsize 28px. Ensure "Title 1" and "Title 3" are unaffected.



Title 1

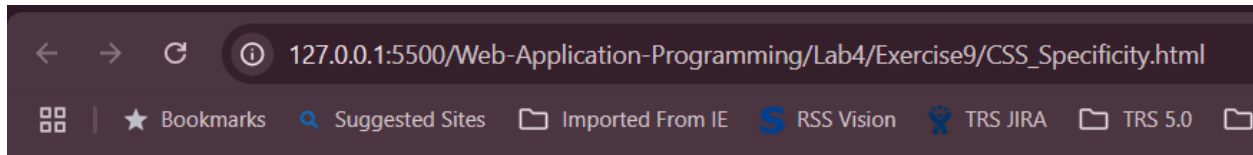
Title 2

Title 3

3.9 Exercise 9: Practicing CSS Specificity

Override the red color of the <h1> tag with #333 using CSS specificity.

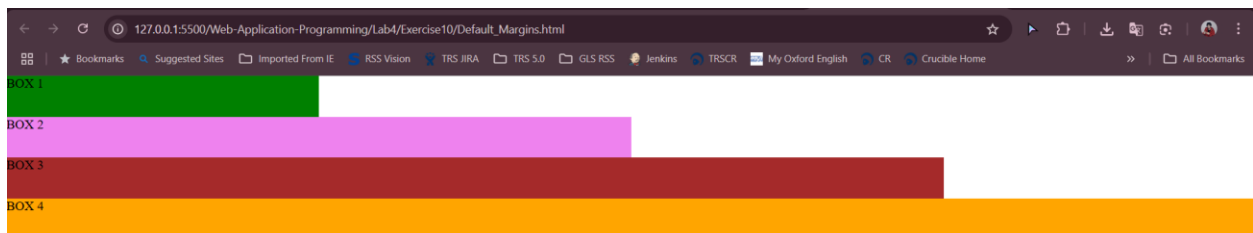
Combine ID, class, and tag name to increase specificity, e.g., tagName.class, tagName#id, #id.class, .class#id.



How to study effectively?

3.10 Exercise 10: Resetting Default Margins

Browsers apply default CSS properties, including margin. The body tag has a default margin: 8px, causing spacing around elements. Reset CSS to remove default margins and padding for all tags.



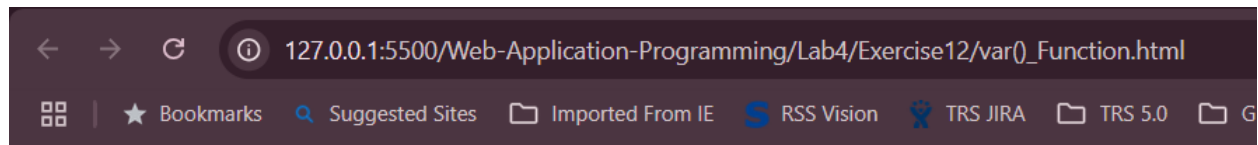
3.11 Exercise 11: Practicing CSS Reset

Reset CSS to remove default margins and padding for a page with `<h1>`, `<p>`, and `` tags, which have default margins and padding.



3.12 Exercise 12: Using var() Function

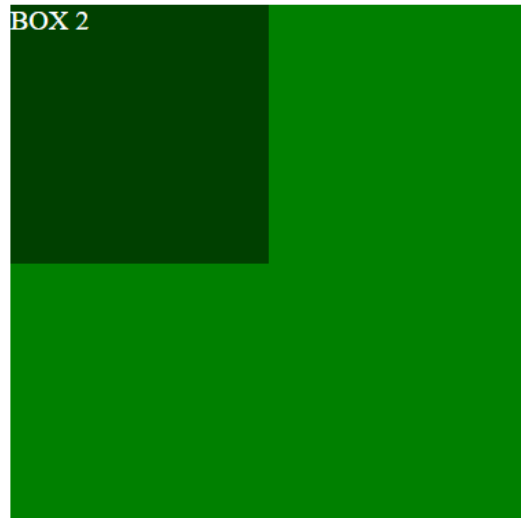
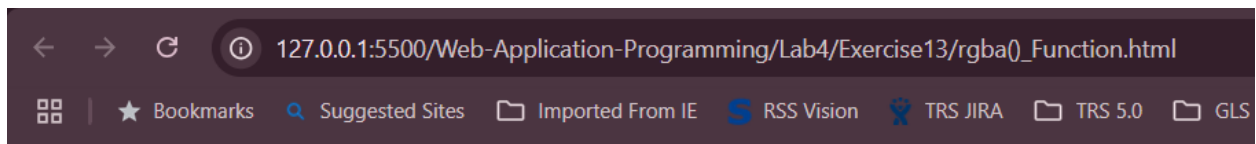
Style the `<h1>` tag with a color from the `–heading-color` variable and the `<p>` tag with a color from the `–text-color` variable.



The `var()` function relates to CSS variables ^^

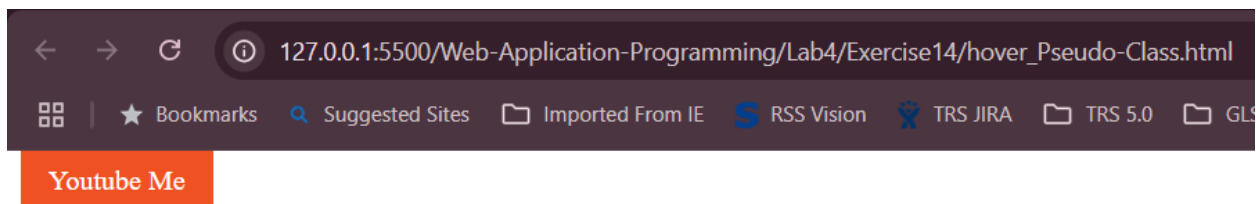
3.13 Exercise 13: Using rgba() Function

Style the `.box-2` class with a background color using `rgba()` with values: Red: 0, Green: 0, Blue: 0, Alpha: 0.5.

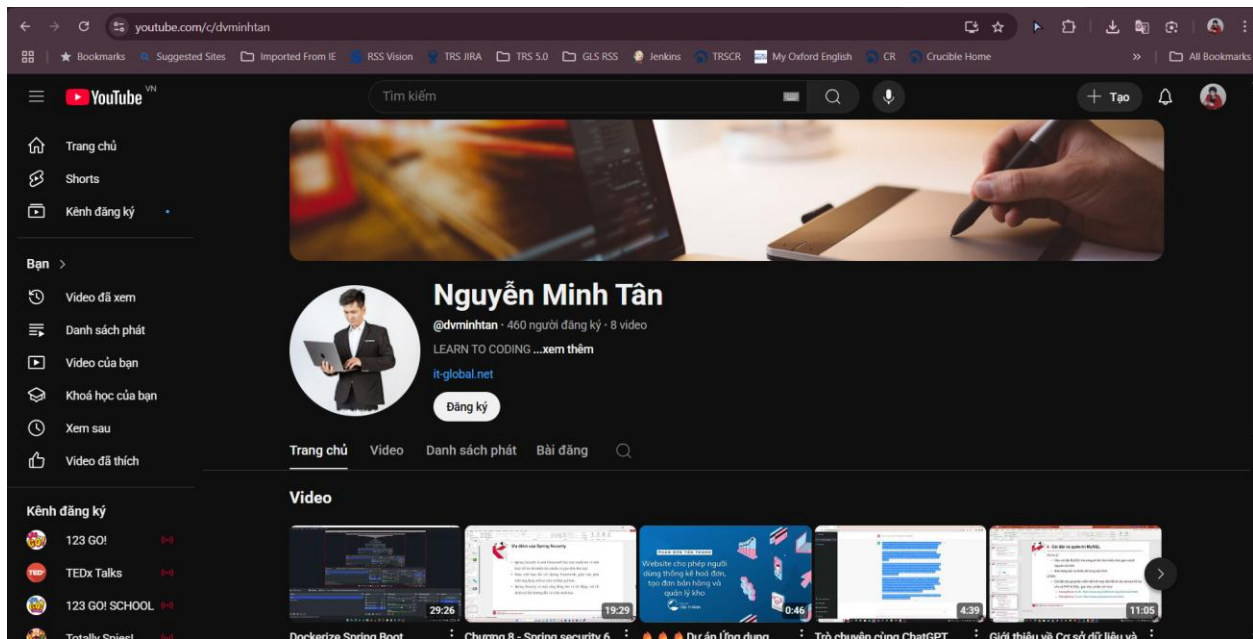


3.14 Exercise 14: Using :hover Pseudo-Class

Style an `<a>` tag displayed as a button to have a background color of `rgba(240, 81, 35, 0.8)` when hovered, creating a hover effect. Ensure accessibility with a focus state.

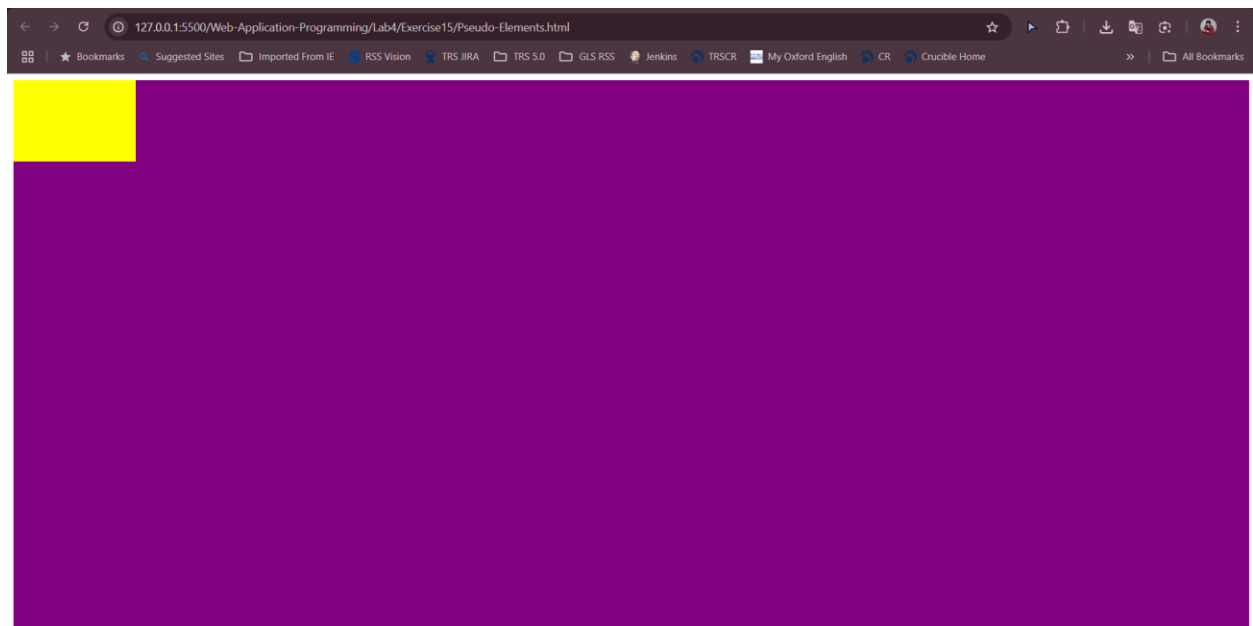


After clicking “Youtube me”:



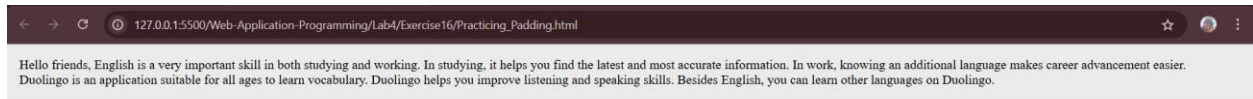
3.15 Exercise 15: Using Pseudo-Elements

For a `<div>` with a purple background, use the `::after` pseudo-element to create a yellow rectangle with width 150px and height 100px.



3.16 Exercise 16: Practicing Padding

Add 16px padding to all four sides of a <div> containing paragraphs to improve aesthetics.

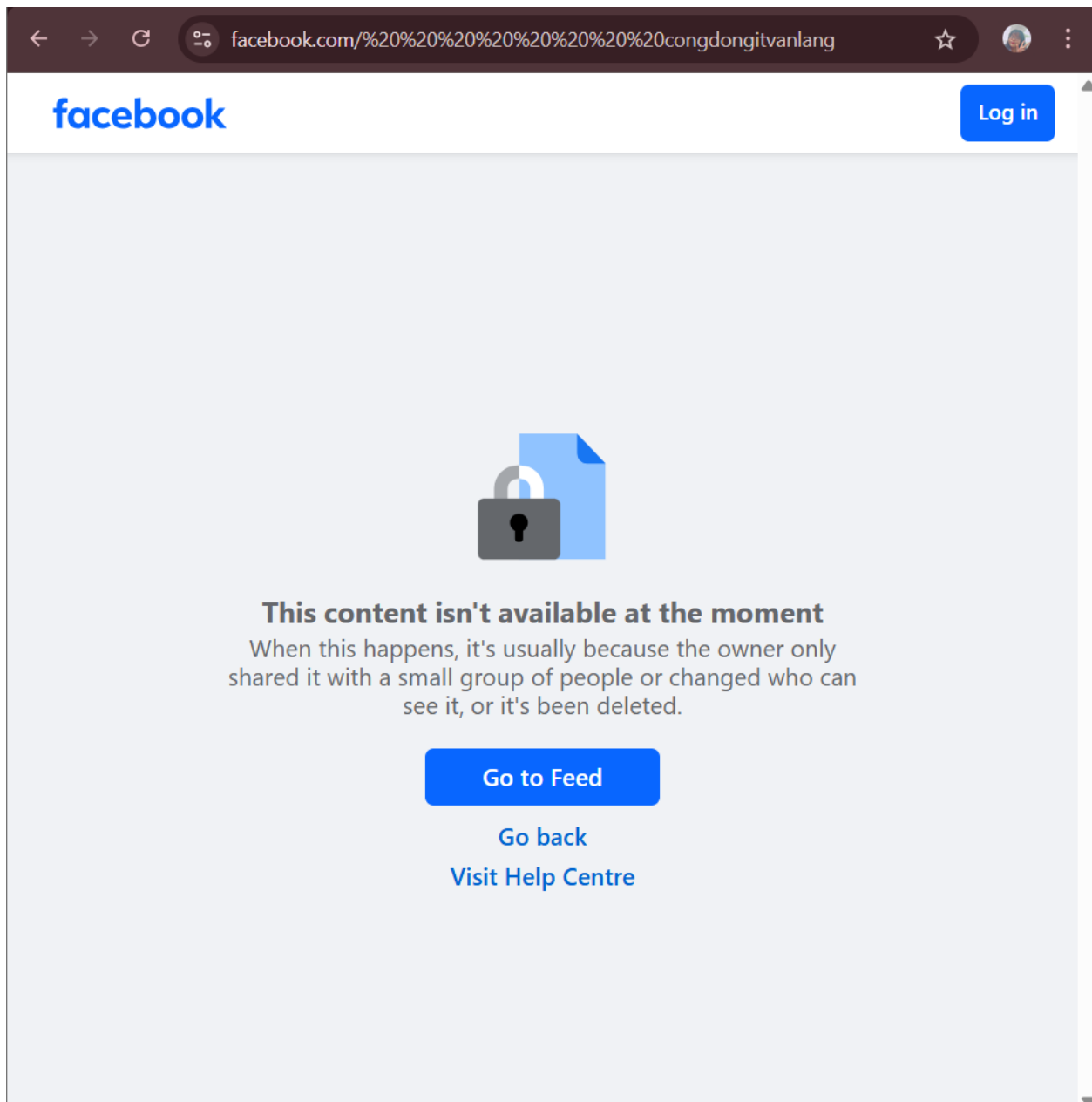


3.17 Exercise 17: Practicing Padding for Buttons

Add padding of 8px top/bottom and 16px left/right to a "Join Group" button to enhance its appearance.

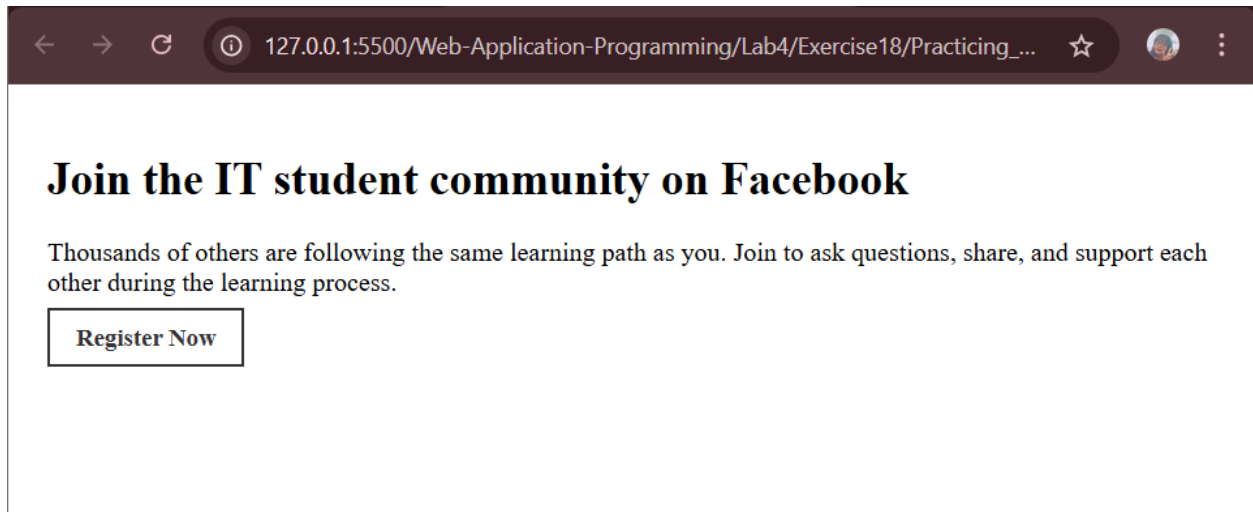


After clicking Join Group:

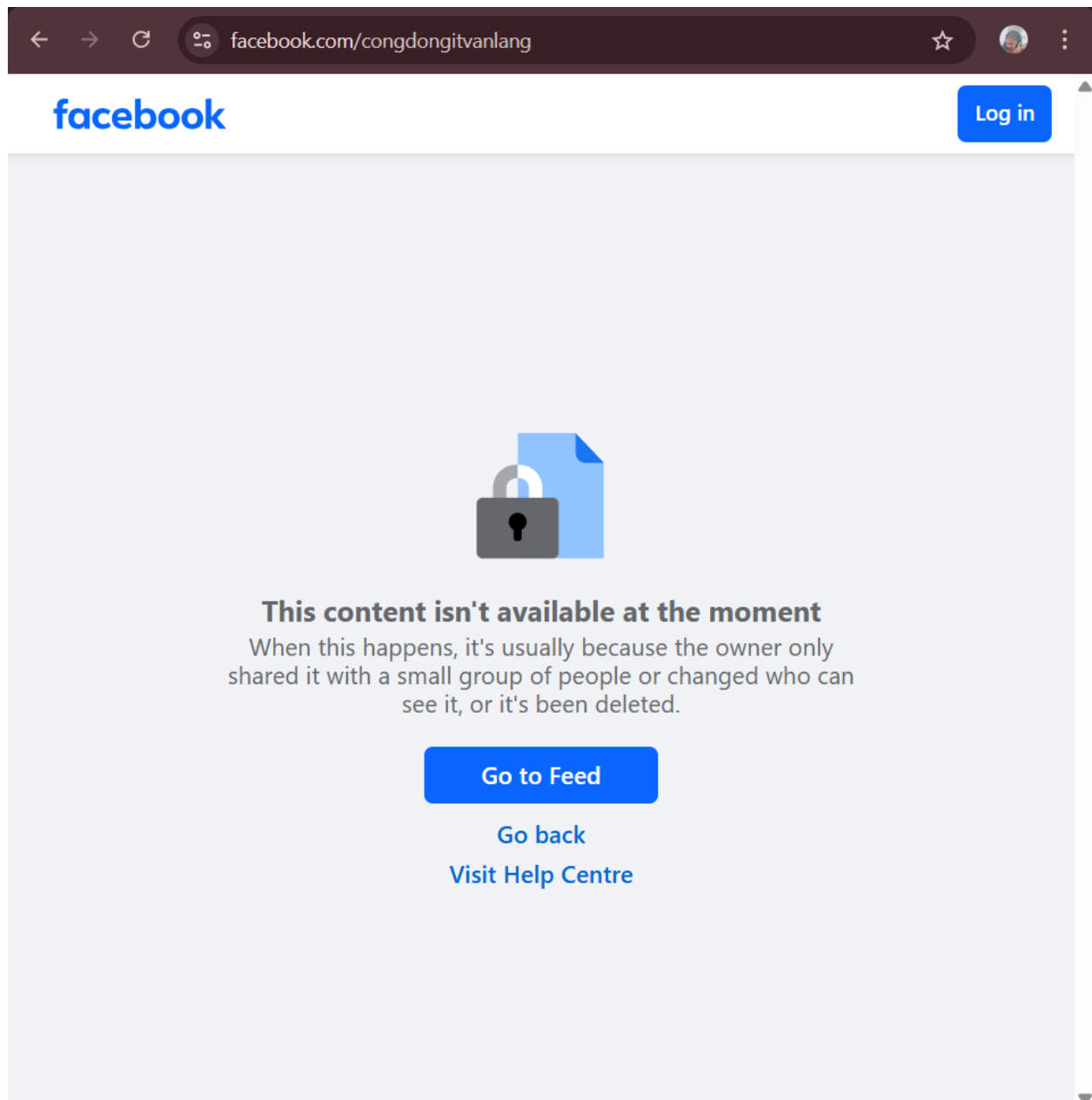


3.18 Exercise 18: Practicing Border

Add a 2px solid border with color #333 to a "Register Now" button to make it more visually appealing.



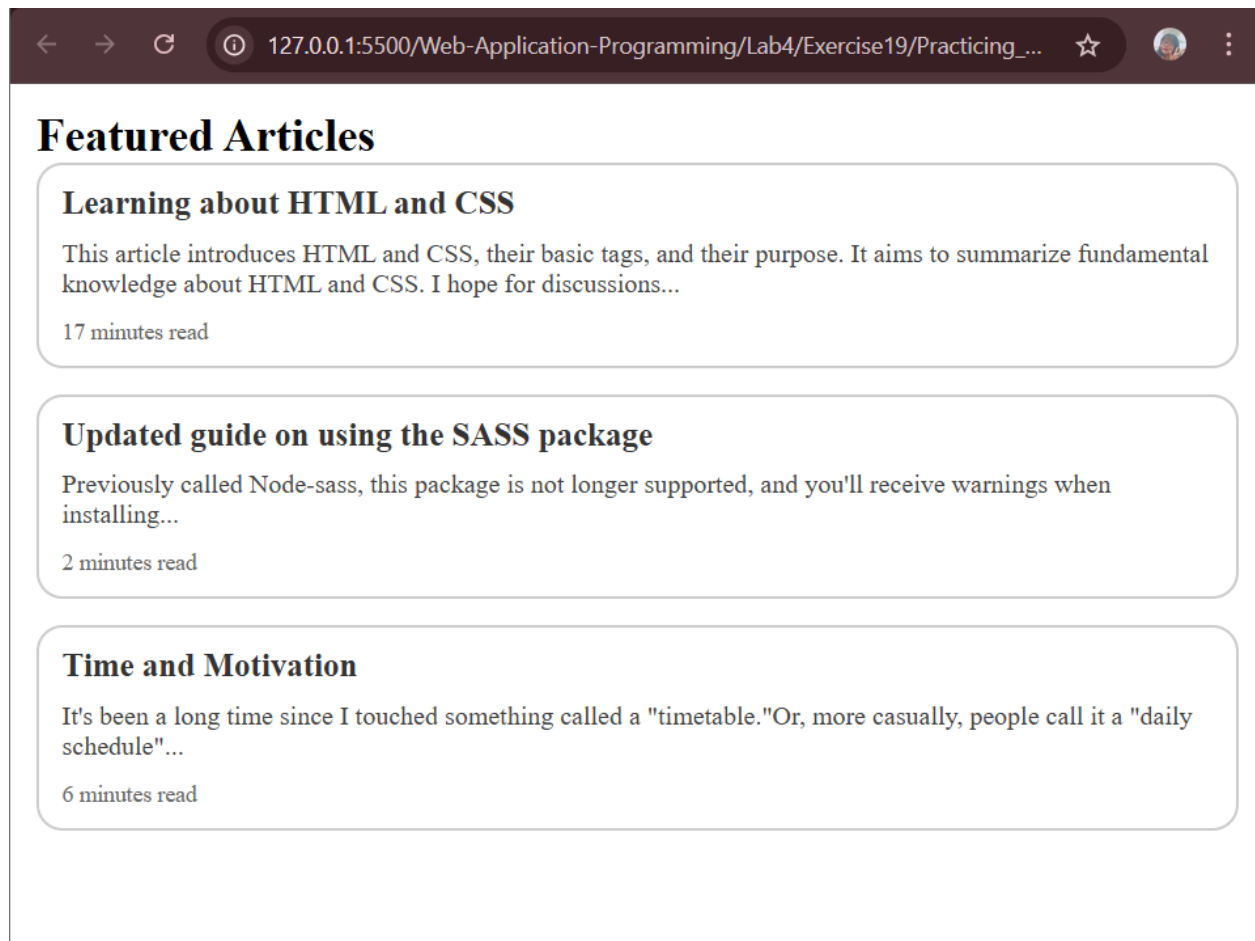
After clicking Register Now:



3.19 Exercise 19: Practicing Margin

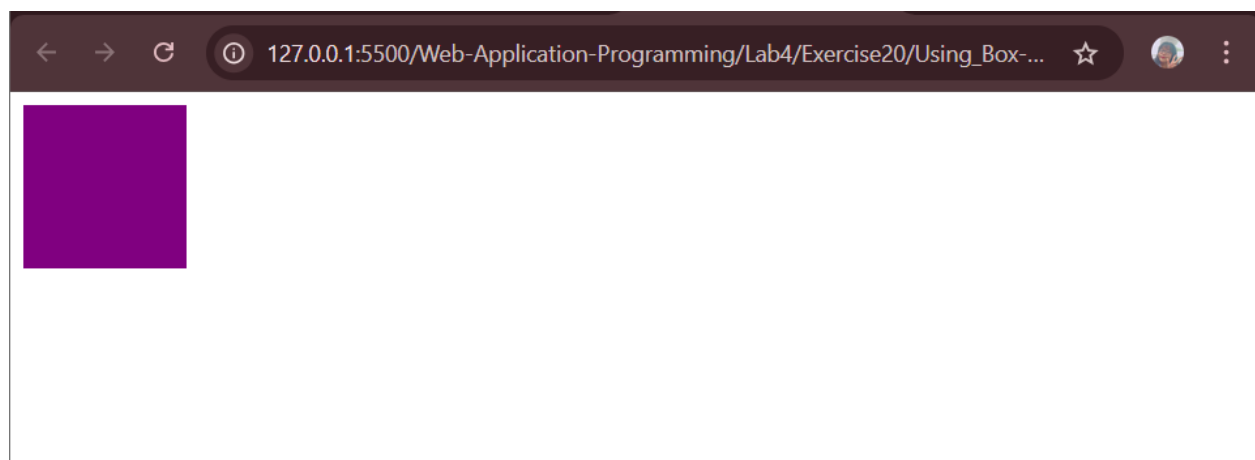
Adjust margins for a list of posts to improve spacing:

1. Add 32px margin-top to .posts-list.
2. Add 16px margin-bottom to .post-item.
3. Add 10px margin-top to .post-item .desc.
4. Add 12px margin-top to .post-item .min-read.



3.20 Exercise 20: Using Box-Sizing

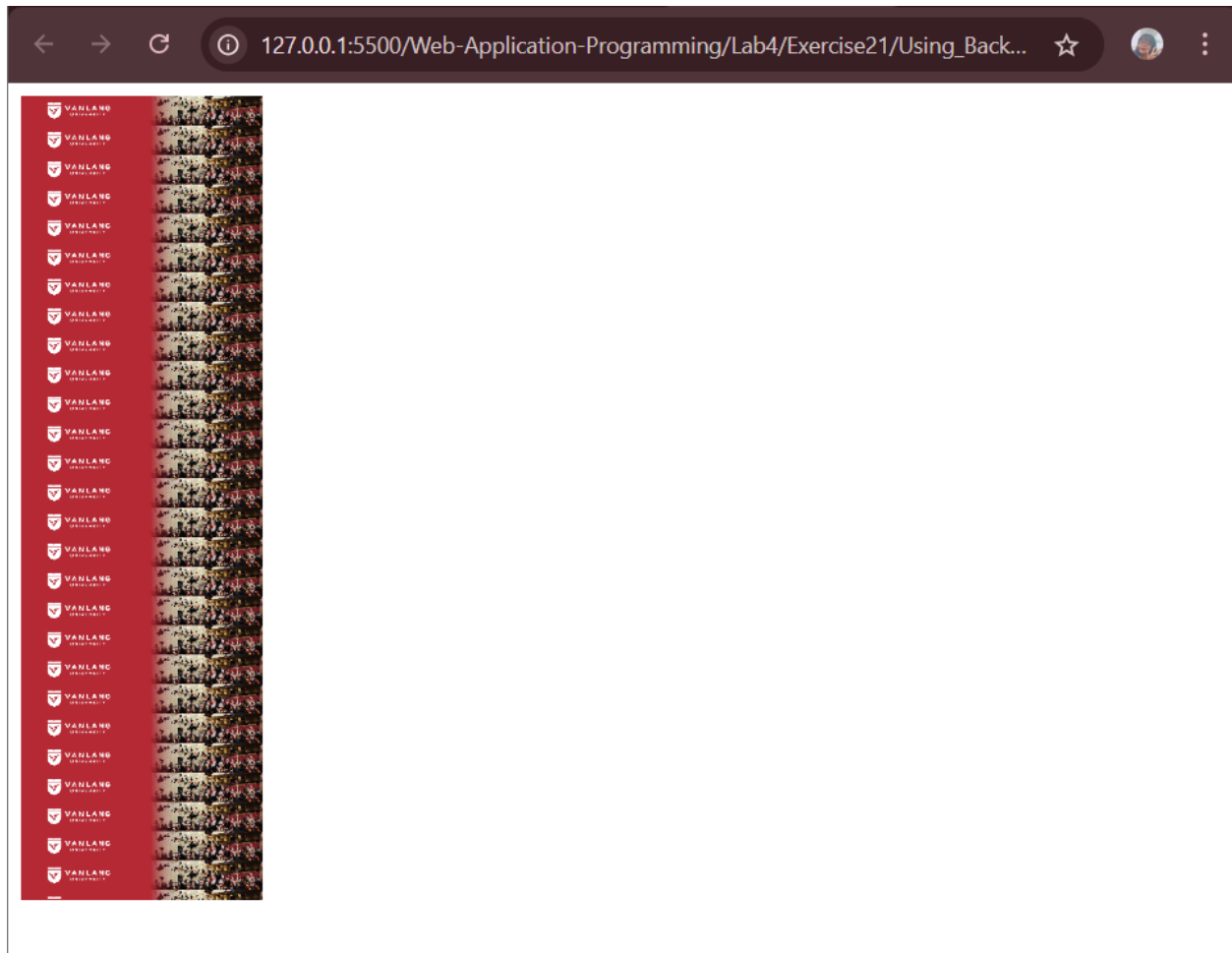
Create a 100px square with a purple background and 16px padding on all sides. Use the appropriate box-sizing value to ensure the size remains 100px despite padding or border.



3.21 Exercise 21: Using Background-Image

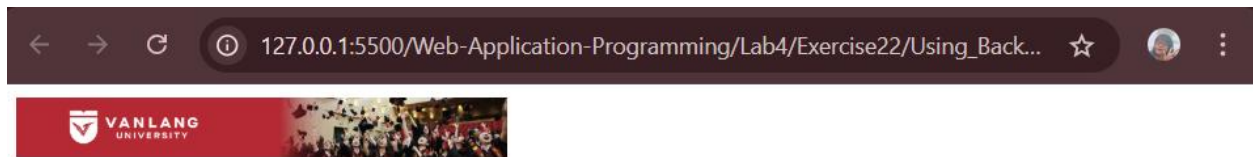
Set a background image with the following requirements:

- Image URL: <https://online.vlu.edu.vn/Content/logo/banner-yersin.jpg>
- Background size: 150px
- Repeat vertically



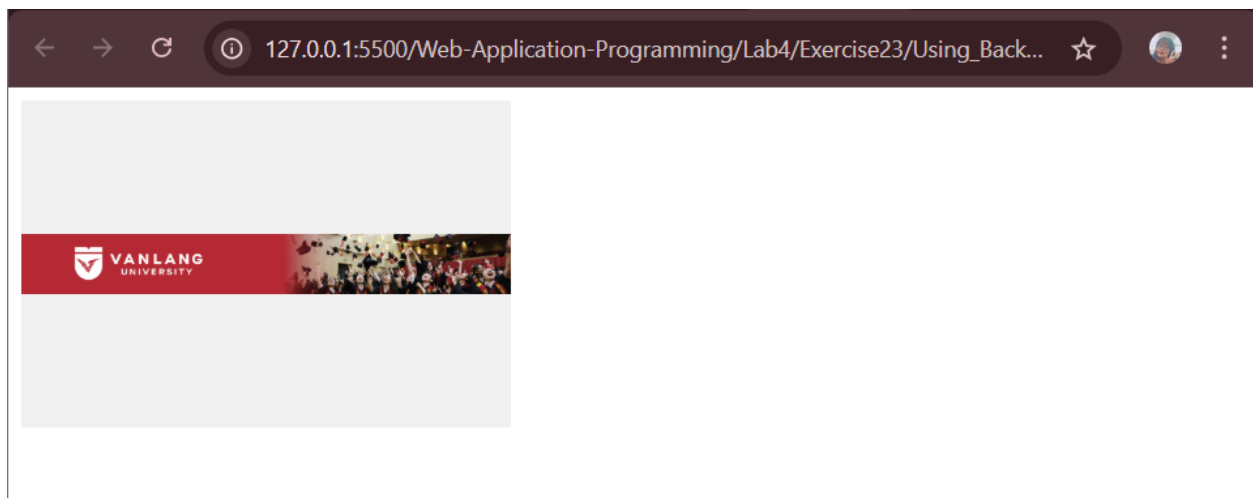
3.22 Exercise 22: Using Background-Size

For a .box class with a background image, use background-size to ensure the image is fully displayed.



3.23 Exercise 23: Using Background Shorthand

Use the shorthand syntax for the background property to set a background color, image, position, repeat, and size.



3.24 Exercise 24: Practicing Position Relative

Position a red square to overlap half of a blue square using position: relative.



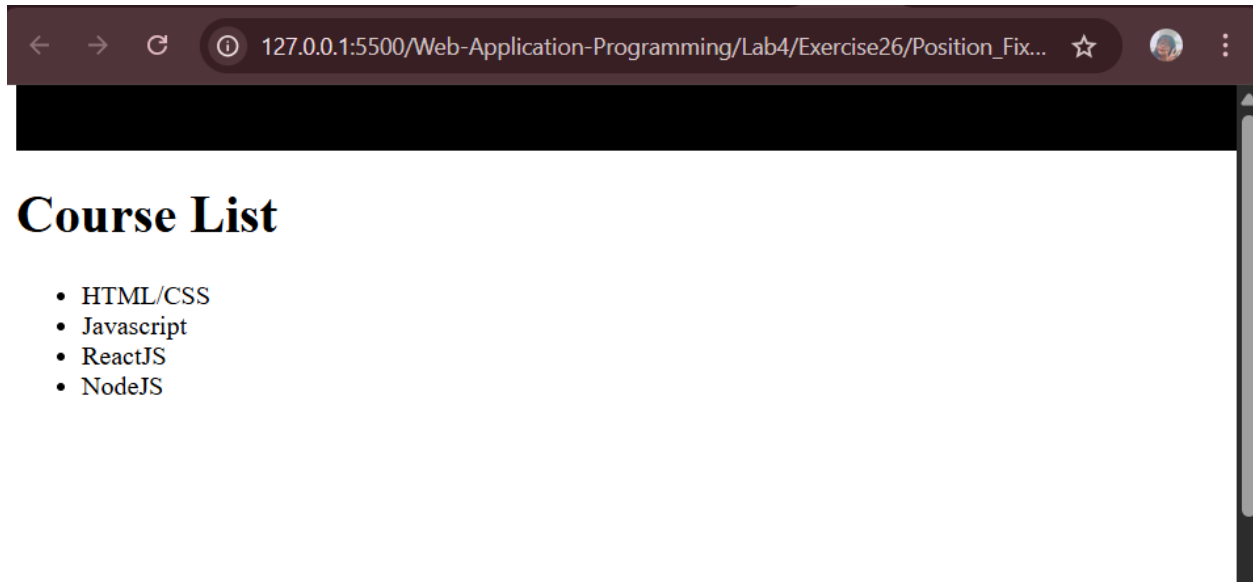
3.25 Exercise 25: Practicing Position Absolute

Make the .box-child square cover the entire .box square using position: absolute.



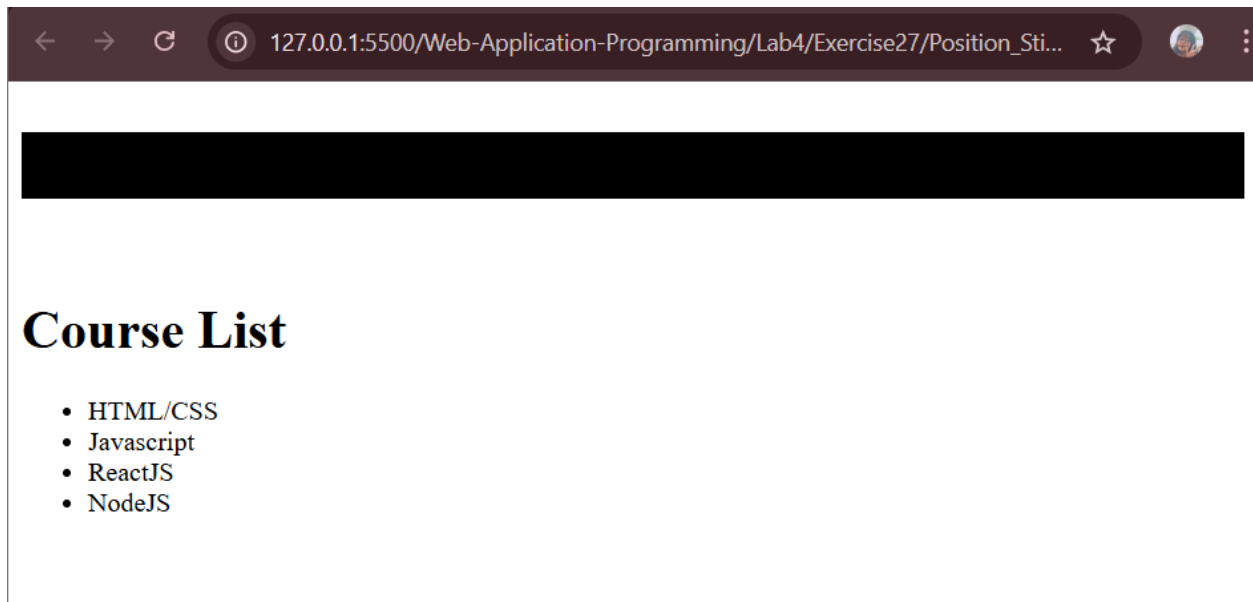
3.26 Exercise 26: Practicing Position Fixed

Fix the header to the top of the CONTENT and BROWSER tabs.



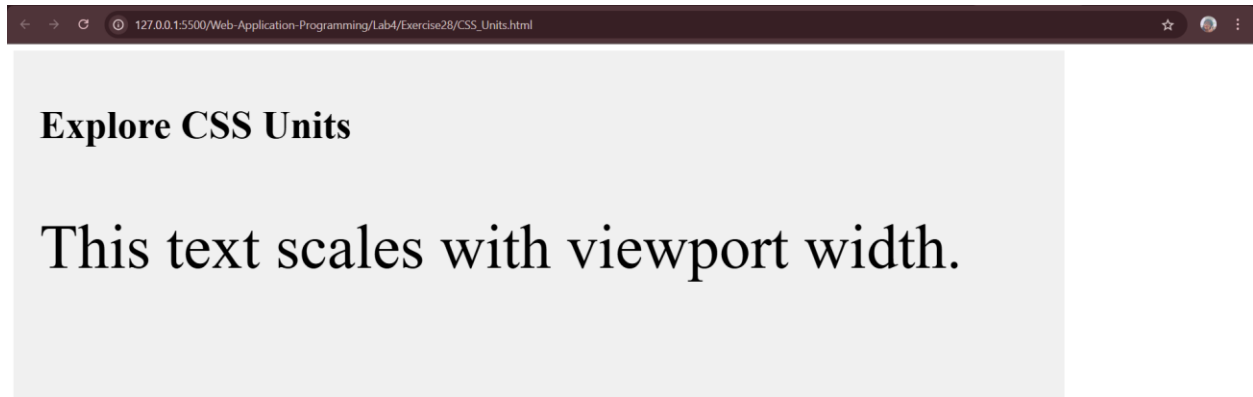
3.27 Exercise 27: Practicing Position Sticky

Make the header stick to the top using position: sticky.



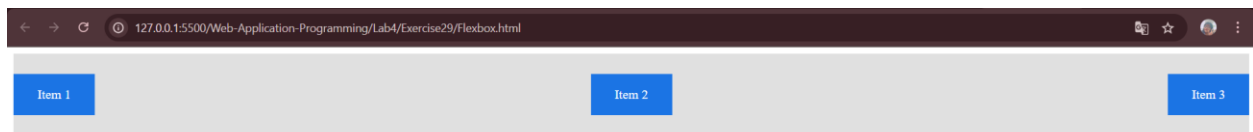
3.28 Exercise 28: Practicing CSS Units

Use different CSS units (px, rem, vw, vh) to style a container and its child elements.



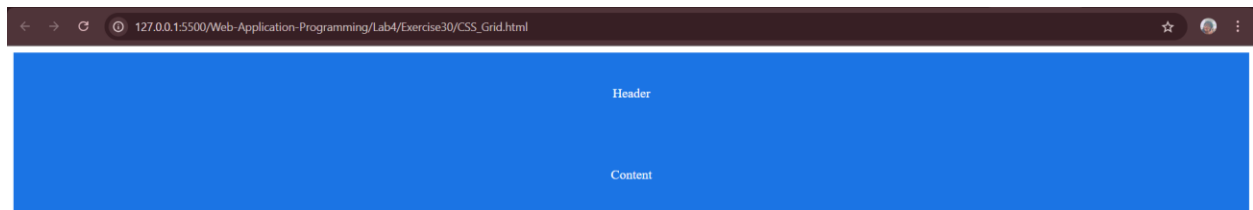
3.29 Exercise 29: Practicing Flexbox

Create a flexible layout using Flexbox to align items horizontally.



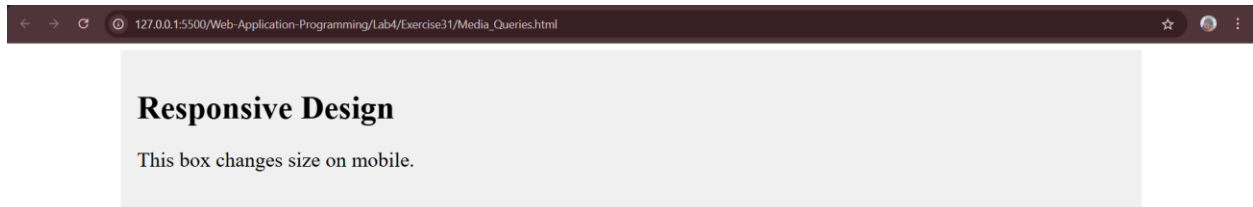
3.30 Exercise 30: Practicing CSS Grid

Create a two-column layout using CSS Grid.



3.31 Exercise 31: Practicing Media Queries

Use media queries to make a box responsive for mobile devices.



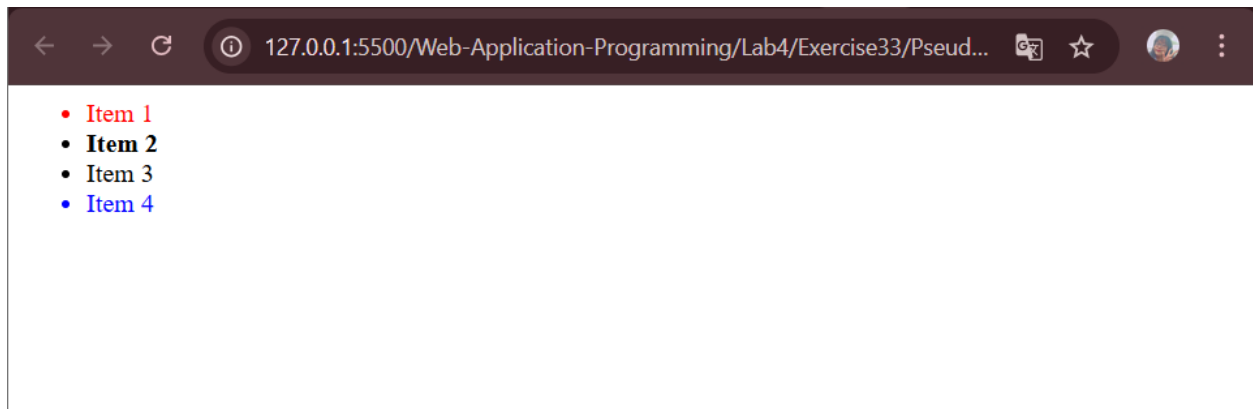
3.32 Exercise 32: Practicing CSS Transitions and Animations

Apply a transition and a keyframe animation to a box for interactive effects. Pause the animation on hover to avoid conflicts.



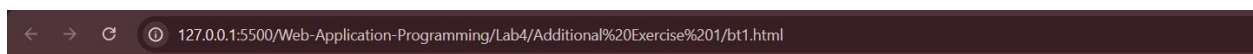
3.33 Exercise 33: Practicing Pseudo-Classes

Use :first-child, :last-child, and :nth-child to style list items.



4 Additional Exercises:

Exercise 1:



Thêm 142 người chết vì virus corona tại TQ, tổng cộng 68.500 ca nhiễm

Ủy ban Y tế Quốc gia (NHC) Trung Quốc ngày 16/2 công bố thêm 2.009 ca nhiễm mới được ghi nhận trong 24h qua qua tại đại lục, nâng tổng số ca nhiễm trên cả nước lên 68.500 trường hợp.





Thêm 142 người chết vì virus corona tại TQ, tổng cộng 68.500 ca nhiễm

Ủy ban Y tế Quốc gia (NHC) Trung Quốc ngày 16/2 công bố thêm 2.009 ca nhiễm mới được ghi nhận trong 24h qua tại đại lục, nâng tổng số ca nhiễm trên cả nước lên 68.500 trường hợp.



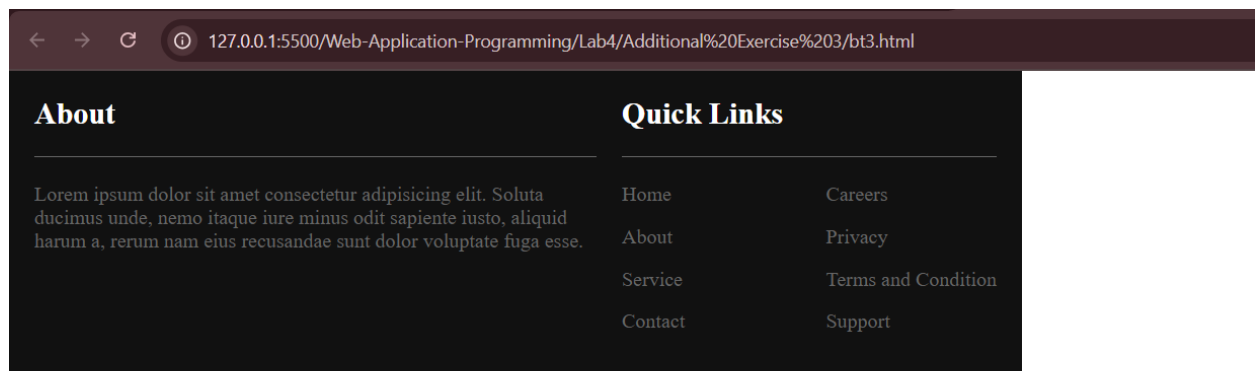
Thêm 142 người chết vì virus corona tại TQ, tổng cộng 68.500 ca nhiễm

Ủy ban Y tế Quốc gia (NHC) Trung Quốc ngày 16/2 công bố thêm 2.009 ca nhiễm mới được ghi nhận trong 24h qua tại đại lục, nâng tổng số ca nhiễm trên cả nước lên 68.500 trường hợp.

Exercise 2:




Exercise 3:



Exercise 4:

127.0.0.1:5500/Web-Application-Programming/Lab4/Additional%20Exercise%204/bt4.html


Layout 1



Công an mời ekip của bà Phương Hằng lên làm việc

Chủ nhật, 27/3/2022 19:36 (GMT+7)


Một số người thường xuyên xuất hiện cùng bà Nguyễn Phương Hằng trong các buổi livestream được công an mời làm việc để làm rõ trách nhiệm, vai trò liên quan đến vụ án.



Hành trình tìm kẻ lập trạm BTS giả, gửi 60.000 tin nhắn lừa đảo/ngày

Chủ nhật, 27/3/2022 09:15 (GMT+7)

Vụ án truy bắt Chen Jiong (người Trung Quốc) phát tán 60.000 tin nhắn lừa đảo/ngày là hành trình vô cùng gian nan của trình sát chống tin tặc, để vạch mặt kẻ vi phạm pháp luật.




Ông Trịnh Văn Quyết đối diện khung hình phạt nào?

Thứ ba, 29/3/2022 18:35 (GMT+7)

Chiều 29/3, Cơ quan cảnh sát điều tra Bộ Công an đã khởi tố, bắt tạm giam ông Trịnh Văn Quyết (Chủ tịch HĐQT Công ty CP Tập đoàn FLC) về tội Thao túng thị trường chứng khoán, theo Điều 211 Bộ luật Hình sự.

Exercise 5:

127.0.0.1:5500/Web-Application-Programming/Lab4/Additional%20Exercise%205/bt5.html




Nước rửa móng Quyền cao cấp và 500ml...

₫ 25,000

₫300.000 (-17%)

★★★★☆ (80) Hồ Chí Minh




Nước rửa móng Quyền cao cấp và 500ml...

₫ 25,000

₫300.000 (-17%)

★★★★☆ (10) Hồ Chí Minh




Áo thun nam cotton co giãn co...

₫ 75,000

₫300.000 (-17%)

★★★★★ (30) Hồ Chí Minh




Ghế xoay văn phòng công thái có ngả...

₫ 1.525,000

₫300.000 (-17%)

★★★★☆ (500) Hà Nội




Đồng hồ Thông minh Trẻ em AMA Watch...

₫ 25,000

₫300.000 (-17%)

★★★★☆ (100) Hồ Chí Minh



BG - Bàn làm việc học tập kèm kệ sách ...

₫ 575,000

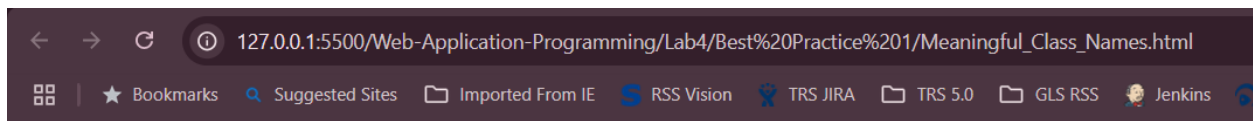
₫300.000 (-17%)

★★★★☆ (20) Hồ Chí Minh

5 CSS Best Practices:

Practice 1:

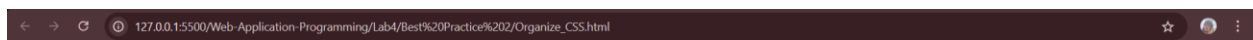
- **Use Meaningful Class Names:** Choose descriptive names like `.button-primary` instead of `.btn1`.



Save

Practice 2:

- **Organize CSS:** Group related styles together and use comments to separate sections (e.g., /* Header Styles */).

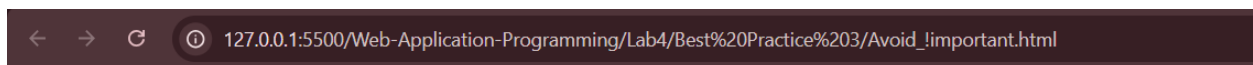


My Website

Primary Button

Practice 3:

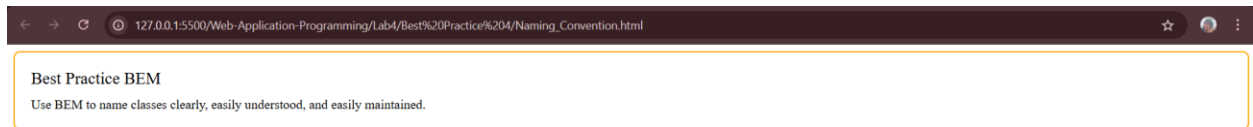
- **Avoid !important:** Use specificity to resolve conflicts instead of !important, which can make debugging difficult.



This is an error warning!
Warnings take priority!

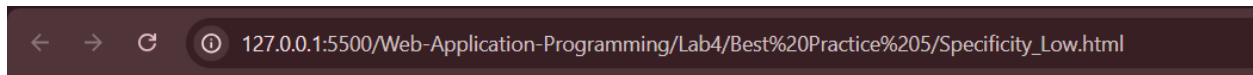
Practice 4:

- **Use a Naming Convention:** Consider methodologies like BEM (Block, Element, Modifier) for consistent class naming, e.g., .card__title--primary.



Practice 5:

- **Keep Specificity Low:** Prefer simple selectors to avoid overly complex rules that are hard to override.



- Home
- **About**
- Service

Practice 6:

- **Ensure Accessibility:** Add focus states for interactive elements (e.g., buttons) to support keyboard navigation.

