

Week 6 – Web Design – Sydney Campus



1. Summary of Lecture 5 – A Practical Example
2. Tutorial Week 6
3. Attendance & Tutorial Questions - Recognising student participation and engagement specifically identifying those who are most actively involved!

Lecturer/Tutor: Dr. Farshid Keivanian

1. Summary of Lecture 5

- Based on the lecture 5, the topics covered include various aspects of HTML and web design, specifically focusing on hyperlinks, image management, and webpage structuring using div elements. The lecture detailed how to create different types of links such as relative, absolute, email, and telephone links. It also explained the usage of image file formats like GIF, PNG, JPG, and SVG, highlighting their unique attributes such as transparency, animation support, and compression methods. Additionally, the importance of div elements and class attributes in organizing and styling web content was discussed, alongside the use of HTML heading tags and different types of lists (unordered, ordered, and description) to structure content effectively.

2. An Explicit Example covering Lecture 5 and Tutorial 6 concepts

- To prepare for the practical tasks in "Weeks 6-7 Lab.pdf" using concepts from Lecture 5, we could assign a project that consolidates our understanding of HTML and CSS with a focus on web design practices, particularly around hyperlinks, image management, and structuring web content using **div** elements.
- **Suggested Project Overview:**
- **Objective:** We will build a mini-website for a fictional local business (e.g., "Sydney Bike Tours") that incorporates various web design elements discussed in both the lectures and the lab tasks.

2. An Explicit Example covering Lecture 5 and Tutorial 6 concepts

Project Tasks:

1. Website Setup:

- Create an HTML document named **index.html**.
- Link a CSS file **styles.css** for styling.

2. Content Structuring:

- Use **div** elements to structure the page into logical sections such as Header, Main Content, and Footer.
- Within the Main Content, use further **div** elements to separate different tour packages.

3. Hyperlinks:

- Implement relative links to navigate between pages like Home, About Us, and Contact.
- Add absolute links to external resources such as bike safety tips or local traffic laws.
- Create email links for contacting the tour manager and telephone links for immediate bookings.

2. An Explicit Example covering Lecture 5 and Tutorial 6 concepts

4. Image Management:

- Embed images of different bike tours using the `` tag. Discuss the choice of image format (JPEG for scenery photos and PNG for logos with transparency).
- Organize images in a gallery format using **div** elements styled with CSS to ensure a responsive layout.

5. Styling with CSS:

- Style the Header with a background image of Sydney's landscape and apply text styling for the business name.
- Use the CSS class attribute to apply consistent styling to buttons like "Book Now" or "Learn More".
- Implement hover effects on links for better user interaction.

2. An Explicit Example covering Lecture 5 and Tutorial 6 concepts

6. Accessibility and Validation:

- Ensure all images have **alt** attributes for accessibility.
- Validate the HTML and CSS using W3C validators to ensure standards compliance.

7. Advanced Task (Optional):

- Add a Google Maps embed on the Contact page showing the location of the bike tour start point.

This project not only reinforces the theoretical knowledge from Lecture 5 but also prepares us for the practical CSS styling and HTML structuring tasks outlined in the "Weeks 6-7 Lab.pdf". Moreover, it encourages hands-on experience with tools like W3C validators and developer tools, which are critical for professional web development.

2. An Explicit Example covering Lecture 5 and Tutorial 6 concepts

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Sydney Bike Tours

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All Bookmarks

Home


About Us

Contact

City Tour




Beach Tour



Contact us: info@sydneybiketours.com | +61 2 3456 7890

2. An Explicit Example covering Lecture 5 and Tutorial 6 concepts

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All Bookmarks

Home

About Us

Contact


City Tour



Explore the city landmarks on two wheels.

Book Now

Beach Tour




Feel the sea breeze as you ride along the coast.




Learn More


Contact us: info@sydneybiketours.com | +61 2 3456 7890


2. An Explicit Example covering Lecture 5 and Tutorial 6 concepts







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 **Discover** Sydney_Guided Bike Tours.html Go to file

 Discover Sydney_Guided Bike Tours.html
 city_tour_Sydney.jpg
 beach_tour.jpg
 Responsive Travel Website Styling.css

3. Step-by-step Instruction for Completing the Project 1 – Tutorial Week 6



Project 1: Personalization of Spotted Wren Garden Center Website

1. Open and Rename Files:

- Open **HTM_E-5.html** and save it as **hours.html**.
- Open **HTM_E-6.css** and save it as **styles.css**.

2. Update File Information:

- In both **hours.html** and **styles.css**, update the comment section with your first and last names and today's date.

3. Add Font Link to HTML:

- Visit Google Fonts and find the "Lato" font. Select the Normal 400 and Bold 700 styles and copy the link element.
- Paste this link element in **hours.html** just before the existing stylesheet link.

3. Step-by-step Instruction for Completing the Project 1 – Tutorial Week 6



4. CSS Updates:

- In **styles.css**, update the **body** style to use **font-family: 'Lato', Arial, Helvetica, sans-serif;** and set **background-color: #fff;**.
- Set **font-size: 12px;** for the **html** element under reset styles.
- Set **font-size: 1.2em;** for the **p** element under global styles.
- For the **h1** element in the header section, set **font-size: 3em;** and **font-weight: bold;**.
- In the main content section, set font-size: **2.4em;** and **font-weight: bold;** for the **h2** element.
- Wrap each day of the week and the colon in a span tag within **hours.html** and then style these spans to be bold and green in the CSS.

3. Step-by-step Instruction for Completing the Project 1 – Tutorial Week 6



5. Additional CSS Styles:

- Set text color for **p** within the header to **#f15a24**.
- Set the background color for **.container** to **rgb(106, 194, 56)**.
- Add a box shadow to **.container** with **0px** offsets, **10px** blur, and black color.

6. Preview and Validate:

- Preview your webpage and compare with provided FIGURE 1.
- Validate both your HTML and CSS using W3C validators to ensure no errors.

3. Step-by-step Instruction for Completing the Project 1 – Tutorial Week 6

The page is dedicated to displaying the operating hours of the "Spotted Wren Garden Center." This is both concise and informative, making it easy for users and search engines to understand the content of the page quickly.

Spotted Wren Garden Center - Hours

localhost/Spotted%20Wren%20Garden%20Center%20-%20Hours.html

Spotted Wren Garden Center

For your year-round garden and yard needs

Summer Hours

Mon: 8am – 8pm

Tue: 8am – 8pm

Wed: 8am – 5pm

Thu: 8am – 8pm

Fri: 8am – 8pm

Sat: 9am – 6pm

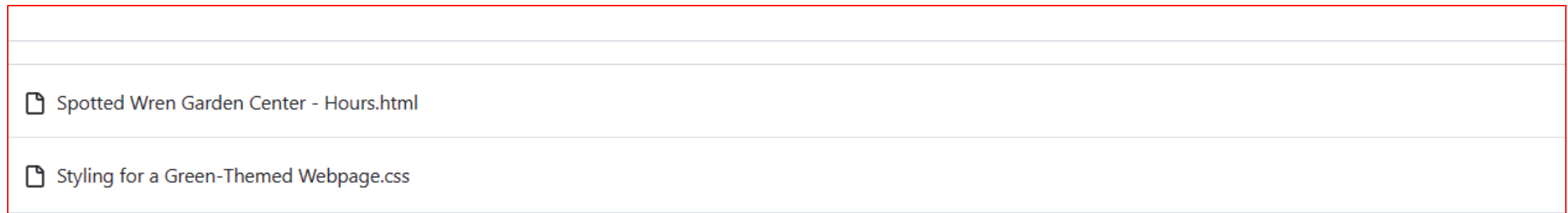
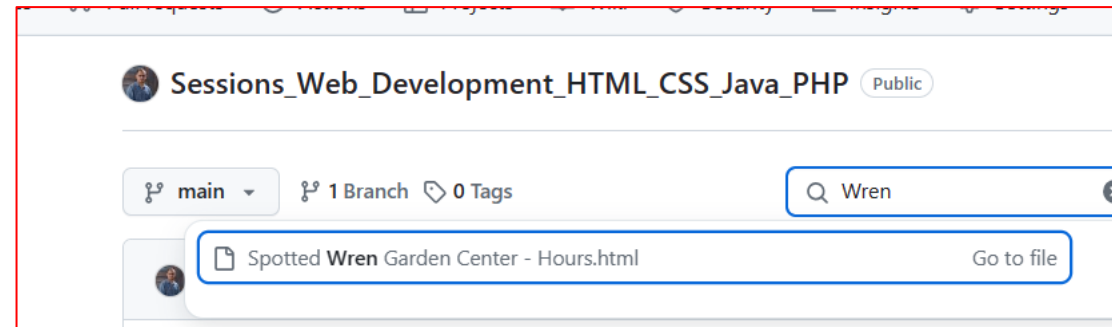
Sun: 11am – 6pm

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3. Step-by-step Instruction for Completing the Project 1 – Tutorial Week 6



It clearly indicates that the page is dedicated to displaying the operating hours of the "Spotted Wren Garden Center." This is both concise and informative, making it easy for users and search engines to understand the content of the page quickly.



3. Step-by-step Instruction for Completing the Challenge 1 – Tutorial Week 6



Challenge 1: Styling Murfreesboro Regional Soccer League Website

1. Open and Rename Files:

- Open **HTM_E-7.html** and save it as **index.html**.
- Open **HTM_E-8.css** and save it as **styles.css**.

3. Step-by-step Instruction for Completing the Challenge 1 – Tutorial Week 6



2. CSS Modifications:

- Set **font-size: 14px;** for the **html** element.
- In the body section, set **font-family: Arial, Helvetica, sans-serif;** and **font-size for p elements to 1.2em;**.
- Set the header background to **rgb(140, 198, 63);** and style the **h1** with a font size of **2em**, a text shadow, and a font stack including Georgia and Times New Roman.
- Italicize the **p** element in the header.

3. Step-by-step Instruction for Completing the Challenge 1 – Tutorial Week 6



3. Additional Content and Styling:

- Set a different background for the aside, footer, and main content areas.
- Adjust font sizes and weights where necessary, particularly in the aside and footer for emphasis.

4. Final Steps:

- Save your changes and open **index.html** to compare with FIGURE 2.
- Add print styles at the bottom of your CSS for proper print formatting.

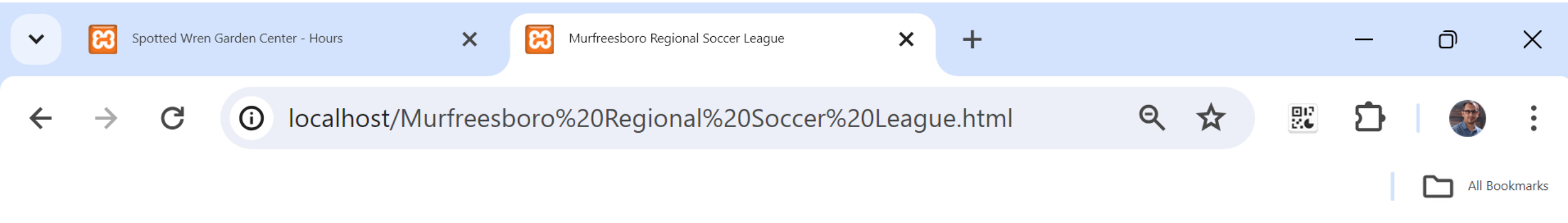
5. Preview and Validation:

- Reload the page, check the print preview against FIGURE 3.
- Validate HTML and CSS and fix any identified issues.

Additional Recommendations

- Use developer tools to experiment with different layouts and font stacks.
- Engage in peer reviews for feedback on your design choices.

3. Step-by-step Instruction for Completing the Challenge 1 – Tutorial Week 6



Murfreesboro Soccer

Join our league today!


Upcoming Matches


Check out the latest match schedules!


Contact us: soccer@murfreesboro.org


The website specifically target potential participants and fans of the soccer league in Murfreesboro.


3. Step-by-step Instruction for Completing the Challenge 1 – Tutorial Week 6


 Responsive and Print-Ready CSS for a Modern Web Layout.css



 Murfreesboro Regional Soccer League.html


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 Murfreesboro Regional Soccer League.html

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A top-down view of several wrapped Christmas gifts on a dark wooden surface. The gifts are wrapped in various patterns: red with white hearts, red with white snowflakes, brown with red and white geometric patterns, and brown with red and white floral patterns. Most are tied with red ribbons, while one is tied with a green and white checkered ribbon. In the bottom left, a pair of hands is shown tying a red ribbon on a gift wrapped in brown paper with a red and white geometric pattern. The text "Happy A Learning Day!" and "Farshid Keivanian" is overlaid in white, centered on the image.

Happy A Learning Day!
Farshid Keivanian