

## Module 2 – Styling Webpages with CSS

### PRLM Hands-On Activity 2: Tri – Succeed Sports

**Data Files needed:** coach\_styles\_txt.css, tss\_coach\_txt.html, 1 CSS file, 5 PNG files, 1 TTF file, 1 WOFF file

**Scenario:** Alison has created another page for the Tri and Succeed Sports website providing biographies of the coaches at the club. She has already written the page content, acquired image files, and created a style sheet for the page layout. She wants you to finish the design of the page by developing a style sheet for the page's color scheme and typography. A preview of the page you'll design is shown in Figure 2-53 followed by the instructions to complete after the figure.

Figure 2-53

TSS coaches profile page

The screenshot shows a webpage titled "Meet our Coaches". At the top, there is a banner featuring four athletes in athletic gear. Below the banner, the title "Meet our Coaches" is displayed. To the left, a sidebar contains links to various sections of the website, such as Home Page, Running Class, Cycling Class, Swimming Class, Coaches, Athlete.com, Member's Portal, medications.com, Office, Coaching Programs, Workshops, Recipe Tools, Event Announcements, Marketing Model, USA Swimming, USA Triathlon, medications.org, Texas Triathlon, Calendar, TriAthlete.com, and TriAthlete.com. The main content area features two coaches: Alison Palmer and Kevin Hughes. Each coach has a profile picture, a title, and a list of qualifications. Alison Palmer is described as having an extensive background in physiology and biomechanics, being a USA Triathlon Level II Certified coach, and being certified in strength, conditioning, and bike fitting. She also mentions her background as a volleyball player at the University of Texas. Kevin Hughes is a student of kinesiology with a Bachelor's degree, certified in swim instruction and coaching, and has coached numerous recreational and elite athletes. Both profiles include a "Read More" link. A testimonial box on the right side of the page quotes a satisfied client: "I have been given great feedback and encouragement by the TSS coaches this last winter. I took part in the Winter Cycling Class and it made a huge difference to my cycling! The coaches are caring professionals and they know their business!"

Complete the following:

1. Use your HTML editor to open the **tss\_coach\_txt.html** and **coach\_styles\_txt.css** files from the downloaded files. Enter your name, section and the date in the comment section of each file, and save them as **tss\_coach.html** and **coach\_styles.css** respectively.
2. Go to the **tss\_coach.html** file in your editor and then within the document head, create links to the **coach\_layout.css** and **coach\_styles.css** style sheets.

3. Take some time to study the content and structure of the file and then close the document, saving your changes.
4. Go to the **coach\_styles.css** file in your editor. At the top of the file and before the comment section do the following:
  - a. Insert an `@charset` rule to set the character encoding for the file to utf-8.
  - b. Use the `@font-face` rule to define a web font named Nobile, which is based on the nobile-webfont.woff file and, if that format is not supported, on the nobile-webfont.ttf file.
5. Go to the Main Structural Styles section and do the following:
  - a. Change the background color of the browser window by creating a style rule for the `html` element that sets the background color to the value `hsl(27, 72%, 72%)`.
  - b. For the `body` element, create a style rule to set the text color to the value `rgb(91, 91, 91)`, the background color to `ivory`, and body text to the font stack: Verdana, Geneva, sans-serif.
6. Create a style rule for the **body > footer address** selector containing the following styles:
  - a. The background color set to the value `rgb(222, 128, 60)`
  - b. The font color to white and then to the semitransparent value `rgba(255, 255, 255, 0.6)`
  - c. The font style to normal displayed in **bold small capital letters with a font size of 0.9em and a line height of 3em** using the font stack Nobile, Verdana, Geneva, sans-serif
  - d. The text horizontally centered on the page
7. Go to the Heading Styles section and create a style rule for every `h1` heading that displays the text with a normal font weight from the font stack: Nobile, Verdana, Geneva, sans-serif. Set the letter spacing to `0.2em` and the margin to 0 pixels.
8. Alison wants you to format the main `h1` heading at the top of the page. Create a style rule for the `section#tss_coaches h1` selector that sets the font size to `2.5em` with a color value of `hsl(27, 82%, 85%)` and background color of `hsl(27, 6%, 21%)`. Set the left padding space to 10 pixels.
9. Alison also wants you to format the `h2` headings for each coach. Create a style rule for the `article.coach_bio h2` selector that sets the font size to `1.6em` with normal weight and the font color to `rgb(240, 125, 0)`.
10. Alison has inserted a comment from an athlete about the coaches. Format this comment by going to the Blockquote Styles section and creating a style rule for the `aside blockquote` selector to do the following:
  - a. Set the font size to `0.95em` using the font stack 'Comic Sans MS', cursive.
  - b. Set the font color to `rgb(222, 128, 60)` and use a semi-transparent background color with the value `rgba(255, 255, 255, 0.75)`.
  - c. Set the padding space to 10 pixels.
  - d. Define opening and closing quotes for the element using the Unicode character 201C and 201D respectively.
11. Format the appearance of the opening quotes by creating a style rule for the `aside blockquote::before` selector to write a boldfaced open quote before the block quote with the font size set to `1.6em` from the font stack 'Times New Roman', Times, serif.

12. Format the appearance of the closing quotes by creating a style rule for the `aside blockquote::after` selector to **write a boldfaced open quote after the block quote with the font size once again set to 1.6em from the font stack 'Times New Roman', Times, serif.**
13. Next, you'll format the appearance of the navigation list by going to the Navigation Styles section and creating a style rule for `body > nav` selector that sets the text of the navigation list in a 0.8em font size with a line height of 2em.
14. Create a style rule for the `nav > ul` selector that removes the list marker and sets the left padding to 5 pixels.
15. Alison wants to break up the long list of links in the navigation list. Create style rules for the 6th and 16th `li` elements within the `nav > ul` selector that sets the size of the top margin of those items to 20 pixels.
16. For every previously visited or unvisited hypertext link within the `nav > ul > li` selector, set the text to the RGB color value `rgb(151, 151, 151)` and **remove the underlining from the text link.**
17. For every hovered or active hypertext link within the `nav > ul > li` selector, set the text color to RGB value `rgb(222, 128, 60)` and underline the hypertext link.
18. Go to the Paragraph Styles section and insert a style rule that sets the top margin and bottom margin to 10 pixels, the right margin to 30 pixels, and the left margin to 0 pixels for every paragraph in the document.
19. Every coach has a list of accomplishments. Go to the List Styles section and insert a style rule for the `article.coach_bio > header > ul` selector that displays the `check.png` file as the list marker and sets the margin space to 0 pixels, except for the bottom margin, which should be set to 10 pixels.
20. Save your changes to the style sheet and then open the **tss\_coach.html** file in your browser. Verify that the color and typography match that shown in Figure 2-53. Verify that when you hover the mouse pointer over the links in the navigation list the text is displayed in an underlined orange font.

Submission: Your online/shared drive/storage

Files Submission Path: **YourStorageFolder/TriSucceedSports/FilesUsedHere**