Exercise 3-1   Code the Town Hall home page

In this exercise, you'll code the HTML for the home page of the Town Hall website. When you're through, the page should look like this:

San Joaquin Valley Town Hall

Celebrating our 75th Year

Our Mission

San Joaquin Valley Town Hall is a non-profit organization that is run by an all-volunteer board of directors. Our mission is to bring nationally and internationally renowned, thought-provoking speakers who inform, educate, and entertain our audience! As one or our members told us:

> "Each year I give a ticket package to each of our family members. I think of it as the gift of knowledge...and that is priceless."

Our Ticket Packages

- Season Package: $95
- Patron Package: $200
- Single Speaker: $25

This season's guest speakers

October
David Brancaccio

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However, it should have three speakers, not just one.

Open the starting page and get the content for it

1. Use VS Code to open this HTML file:

    `exercises\ch03\town_hall\index.html`

    Note that it contains the head section for this web page as well as a body section that contains a <header> element with some text, a <main> element, and a <footer> element with some text.

2. Use your text editor to open this text file:

    `exercises\ch03\town_hall\index.txt`

    Note that it includes all of the text for the <main> element.

Code the <header> element

3. Code the <img> element that displays the image at the top of the page from the images folder. To locate the image file, use this path:

    `images/town_hall_logo.gif`

    Be sure to include the alt attribute, and set the height attribute to 80.

4. Code <h2> tags around the first line of text in the <header> element.

5. Code <h3> tags around the second line of text in the <header> element.

6. Test the home page in Chrome. If necessary, fix any problems and test again.

Code the <main> element

7. Copy all of the content for the <main> element from the index.txt file into the index.html file.

8. Code <h1> tags around "This season's guest speakers", and code <h2> tags around "Our Mission" and "Our Ticket Packages".

9. Code <p> tags around the first paragraph after the "Our Mission" heading, and code <blockquote> and <q> tags around the quote.

10. Code <ul> and <li> tags around the three items after the "Our Ticket Packages" heading.

11. Test the home page in Chrome. If necessary, fix any problems and test again.

12. After the "guest speakers" heading, format the month and name for the first speaker as one <h3> element with a <br> in the middle that rolls the speaker's name over to a second line.

13. Repeat the previous step for the next two speakers.

14. Code three links by adding <a> tags around the name for each speaker. The href attribute for each link should refer to an HTML file in the subfolder named speakers that uses the speaker's last name as the filename.

15. After the <h3> element for each speaker, code an <img> element that displays the image for the speaker. The JPG images are in the images subfolder with a filename that begins with the speaker's last name. Make sure to include the alt attribute for each element.

16. Test the home page in Chrome. If necessary, fix any problems and test again.

Add the rest of the HTML

17. In the footer, code <p> tags around the text. Also, use a character entity to add the copyright symbol to the start of the footer.

18. Add <sup> tags around the *th* in the second line of the header (as in 75th).

19. Test the home page in Chrome. If necessary, fix any problems and test again.

Test the links and add a link

20. Click on the link for the first speaker page. This should display a page that gives the speaker's name and says "This page is under construction". If this doesn't work, fix the href attribute in the link and test again. To return to the home page, you can click the browser's Back button.

21. Open the brancaccio.html file that's in the subfolder named speakers.

22. After the <h2> element, add a <p> element.

23. Within the <p> element, add a link that says "Return to home page". This link should refer to the index.html file. To do that, the <a> element should have an href attribute that navigates up one level in the folder structure like this:

    `../index.html`

24. Test the home page in Chrome. If necessary, fix any problems and test again.