Interface Design and Development

Task 1.2 Table Accessibility

Overview

As a first step in interface design, one needs to be familiar with the Web Accessibility Initiative and the Web Content Accessibility Guidelines. This is become aware of the need to improve the quality of your web pages, and introduce assistive technologies.

Purpose: Learn how you can test your web pages for compliance.

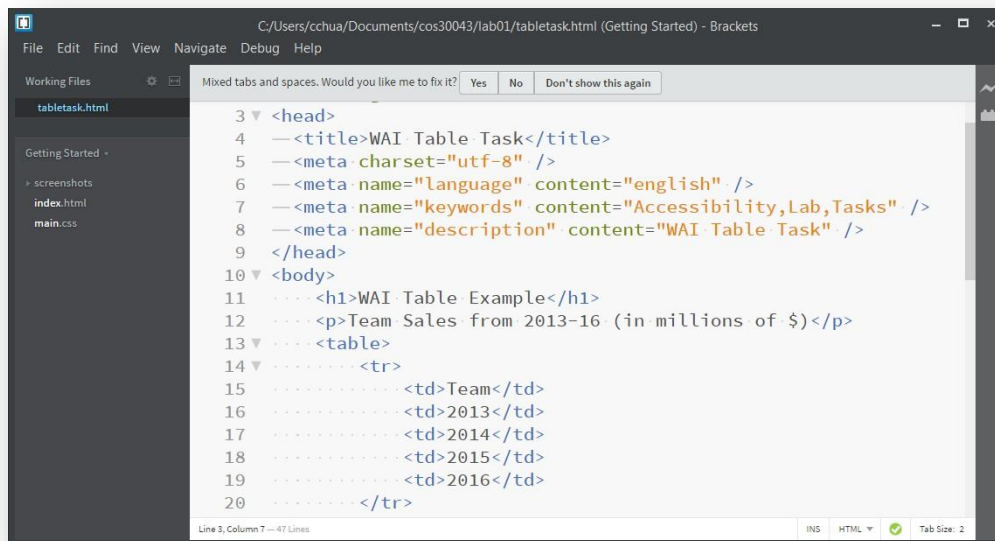**Task:**   Address and fix the accessibility issues found in the HTML table.

Resources:

- Web Accessibility Initiative (WAI), http://www.w3.org/WAI/
- Web Content Accessibility Guidelines 2.0 (WCAG2)
  http://www.w3.org/TR/WCAG20/
- Web Accessibility Tutorials – Table Concepts
  https://www.w3.org/WAI/tutorials/tables

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Instructions

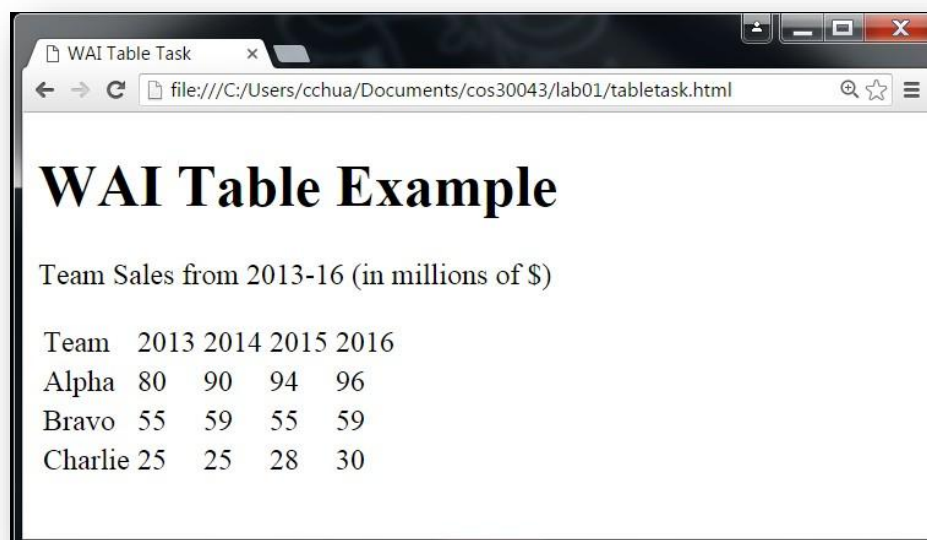For this task you will fix the issues that exist in tabletask.html.

The goal of this exercise is to learn how you can test your web pages for compliance

1. Download the Task 1.2 resource. This contains the table that you need to fix.

2. Extract the zip file to your code directory (e.g. 'My Documents/cos30043/lab01')

3. Open tabletask.html and you should see the following:

4. Test if the table is displaying properly by starting the live preview.

> **Note:** The table will have no visible grid lines unless a CSS is applied to it. You must not use the border attribute under HTML5.

5. Edit the code and address the following issues:
   Reference: Web Accessibility Tutorials – Table
   Concepts https://www.w3.org/WAI/tutorials/tables

   a. Add a caption element for the table.

   b. Change the relevant 'td' elements to 'th' elements.

   c. Add 'scope' attribute to all the 'th' elements to indicate it is a row or column

   d. Add 'id' attributes to all 'th' elements

   e. Add 'headers' attributes to each of the 'td' elements, to bind it to relevant 'th'

   f. Add thead and tbody attributes.

> **Note:** Follow the above Web Accessibility Tutorial, review/learn the use of thead, tbody, th and td elements, and also id, scope, and headers attribute.
>
> This file also contains inconsistent use of space and tabs. Remember to also address this issue.

6. Save your work in an appropriate place in case you need to refer to it later.