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Exercise 1

1. Follow through the assigned chapters 3-10 of *How to Build a Website with HTML*, modifying `index.html` as you go. The resulting file should include the following:

   ○ Inline and block elements

   ○ Nested elements

   ○ A tag with a `style` attribute

   Note: again, this is not a habit you should adopt long-term, but is fine for this assignment.

   ○ An `img` tag with a relative path to a JPEG file that you have downloaded locally

   ○ One or more hyperlinks

   Note: while you can certainly copy-and-paste the code snippets (the web version of the tutorials even include a handy *Copy* button), in order to learn as quickly as possible you should type the code in yourself. You may even find a mistake or two in the original text.

2. Run `vnu` from the command-line and demonstrate the HTML created by following the book is not valid.

3. Modify your HTML file to fix all errors and warnings from `vnu`. Show the resulting HTML source and demonstrate that `vnu` emits no messages.
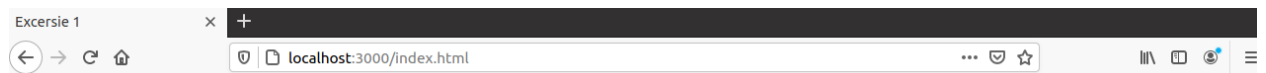

4. Demonstrate Browsersync running and serving the rendered HTML from http://localhost:3000/.

student@tuffix-vm:~/Desktop/ex1$ vnu index.html
student@tuffix-vm:~/Desktop/ex1$ vnu index.html
student@tuffix-vm:~/Desktop/ex1$ browser-sync start --server --directory
[Browsersync] Access URLs:

        Local: http://localhost:3000
     External: http://10.0.2.15:3000

           UI: http://localhost:3001
  UI External: http://localhost:3001

[Browsersync] Serving files from: ./

Before change

Sammy's Sample HTML

This code is an example of how HTML is written.

It uses HTML tags to structure the text.

It uses HTML to add a link.

And it also uses HTML to add an image:

My strong text
My emphasized text

Heading 1

Heading 2

Heading 3

Heading 4

Heading 5

Heading 6

This text is 40 pixels and green.

[The text you want to link](#) [The text you want to link](#)

5. Submit your results as a single PDF file uploaded to Canvas by the deadline. If you work with another student, only one submission is required as long as it includes the names of both students.

Source code