

HTML & CSS

Exercise 1

Given the following prototype, use semantic HTML and recreate the page.

- CSS styles are not required for this exercise
- Add all the metadata that you think is required
- The title should be “Exercise 1”
- Do research and add a default icon for the page

HTML5 Semantics and Flexbox

Navigate

Home

Link1

Link2

About This Page

On this page, I am experimenting with HTML5 semantics and CSS flexbox for a tidy layout.

On JS Bin, I purposely includes the stylesheet on the HTML tab (instead of separate CSS tab) for easier code reading for those with small screen.

The `main` element is placed within a `div` element along with `nav` and `aside`. I don't know if this is right or wrong (let me know!).

Navigation links are placed within `nav`, laid on the left. The `main` is at the center column (this column). Within it is the main topic (this article).

The `aside` element is at the rightmost of the column, I put supplemental information on it.

Test This Page!

Do test this page by:

- Resizing the browser windows; see if flexbox lives up to its reputation.
- Run HTML Outliner or HeadingsMap (or similar tool) and see if the outline is good.
- Check the markup in this page with W3C Markup validator; see if the markups are good. Paste the URL of this page to the address column. [Click here to try!](#)
- Check the CSS part of this page too! [Click here!](#)

HTML

Stands for HyperText Markup Language. The current standard is HTML5.

CSS

Stands for Cascaded Style Sheet. The current standard is CSS3.

URL

Short for Uniform Resource Locator. It is a reference (an address) to a resource on the Internet.

Nov, 2015 @ rexyay

Exercise 2

Given the following HTML

```
<body>
  <div class="container">

    <h1>Stylin' lists without adding classes</h1>

    <h2>Do not change the HTML - edit only the CSS.</h2>

    <ul class="silly-list">
      <li>First item (and only first item) text color is red</li>
      <li>Every item but the last has 13px padding</li>
      <li>Even items in the list have a blue background color</li>
      <li>Every third item has a square bullet point, not a round disc
bullet point</li>
      <li>The fifth list item text is orange</li>
      <li>When you hover on this list item, the next list item directly
below it will have its text color and/or background color turn a new color
of your choice </li>
      <li>EXTRA CHALLENGE: At 8 list items and up (and only then), all
list items change to have green color, white text, 10px padding all
around, and a 1px solid white border! If there are 7 or fewer items, those
styles don't apply. </li>
      <!-- Uncomment this list item to have 8 items-->
      <!-- <li>List item 8 here, when this list item is uncommented,
write the CSS that will standardize the whole thing to blue and white</li>
-->
    </ul>
  </div>
</body>
```

- Create a new HTML file and copy the content
- Follow the rules of each list item
- You are not allowed to use JS or modify the HTML

Exercise 3

Using your knowledge in CSS draw the following images

a.



b.

