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Description: A place for my final Research submission for Promineo Tech Week 7

Prompts:

1: What are 3 HTML elements not mentioned any of the video this week? What do they do and how are they used?

2: Choose one of your favorite websites and identify 5 different HTML elements used on the website. Make sure to include the URL in your submission.

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1. I looked up some of the rarest html elements and found some useful ones.

source: <https://code.tutsplus.com/articles/10-rare-html-tags-you-really-should-know--net-3908>

source 2: <https://unclebigbay.com/7-rare-html-tags-you-really-should-know>

a.

<optgroup>

One looks like it could be helpful in creating a navigation bar with drop-box lists for my portfolio website (<optgroup>). It helps you to group options together.

c.

Another is <ins> and <del>

which show markup for insertions and deletions, underlining the first and striking through the second. "John <del>likes</del> <ins>LOVES</ins> his new iPod."

f.

<details>

definitely should use this for my portfolio website

makes text expandable, etc. will be very helpful.

[example from my resource:

"<p>

<p>I'm Lawson Ezekiel, a software developer who has more development experience in frontend building responsive website sites using these web technologies like Javascript, Vue Js, HTML and CSS, Bootstrap Tailwind CSS.</p>

```
</p>
<details>
  <summary>Click to read more about me</summary>
  <p>I love sharing how to use the latest technology tools to solve problems and my technical
experience through an article.</p>
</details>"]
```

g.

<meter> tag -- already use this for my website. Although I need to clean up my website and make the links interlock and then make it live on github.

h.

Although now I have learned about the <progress> bar, which is different?

From first source:

```
"<progress value="750" max="1000">
  <span>75</span>%
</progress>"
```

i.

<q> for quote, working with <cite> looks really helpful for me as well.

The following is from the first source:

```
“<q>
“The <q> element is used to identify quoted text on a web page. It is mainly used to show a brief
quotation.
```

```
“<q>Tests are stories we tell the next generation of programmers on a project.</q>
The <cite> attribute specifies the source of the quotation.
```

```
“<p><cite>Roy Osheroove</cite> said, <q>Tests are stories we tell the next generation of programmers
on a project.</q>.</p>”
```

notes from second source:

2b.

oh wow, ruby tags; relevant to showing pronunciation of unicode, for example;

second source examples:

"The <ruby>, <rt>, and <rp> tags"

```
"<ruby>
```

明日 <rp>(</rp><rt>Ashita</rt><rp>)</rp>  
</ruby>

<ruby>Ayodele<rt>Surname</rt></ruby>  
<ruby>Samuel<rt>Middlename</rt></ruby>  
<ruby>Adebayo<rt>Lastname</rt></ruby>

2c.

2<sup>nd</sup> source example:

“<p>  
I am showing an-example-of<wbr>-a-very-long-text-on-hashnode  
</p>”

my example:

<details>  
<summary>Click to check out some of my favorite books!</summary>  
<p>The Abolition of Man and Fear and Trembling</p></details>

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2. Source: <https://iep.utm.edu/girard/>

I couldn't really think of what my "favorite website" is. Although I do feel like in the past I've had one, probably a design or literary site, for some reason now I can't think of one at all. So I chose one that I've had open and keep telling myself I'm going to read about.

a.

In the course of inspecting this website, I found two tags that had nothing between them and which I've never seen before:

<gcse:searchbox-only></gcse:searchbox-only>

I assume they obviously have to do with the searchbox. But I will have to investigate more where they come from.

b.

<article id="post-12188" class="post-12188 post type-post status-publish  
format-standard hentry category-trad-misc">

I read about the article tag here: [https://www.w3schools.com/tags/tag\\_article.asp](https://www.w3schools.com/tags/tag_article.asp)

It seems that you can use this <article> tag to create differentiated articles on the same html page. For instance, as the article says, "An article should make sense on its own and it should be possible to

distribute it independently from the rest of the site.” You can use CSS to change the content of an article this way.

c.

While I knew how links and line items worked in html, I didn’t know that you could make link work the way this following example does, that is, with the href value set to: “#SH5e”.

```
<li><a href="#SH5e">Atonement</a></li>
```

I will have to look this up, too.

According to [https://www.w3schools.com/tags/att\\_a\\_href.asp](https://www.w3schools.com/tags/att_a_href.asp), you can use the hashtag element to link to other sections of the same page when used in the `<a href=""></a>` tag set.

For example, “`<a href="#section2">Go to Section 2</a>`”

d.

Another tag I am not really familiar with used in the source webpage is the `<aside>` tag.

```
<aside id="text-3" class="widget widget_text"><h1 class="widget-title">Stay  
Connected</h1><div class="textwidget"><p>&nbsp;&nbsp;&nbsp;<a  
href="https://www.facebook.com/iephilosophy"><!--...shortened...--></p></div></aside>
```

Here it is used to link to other webpages.

e.

The webpage also used a surprising number of `<option>` and `<script>` tags. I definitely didn’t know you could use that many script tags. I guess I thought all the script had to be just in one tag.