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Shrinking text

Shrinking text

For this section you can play with the [CodePen](#) below. The main content is an outline for an essay and it should look something like this:

HTML	CSS	Result	EDIT ON
<pre>1 <!DOCTYPE html> 2 <html lang="en"> 3 4 <head> 5 <meta charset="UTF-8"> 6 <title>Shrinking text</title> 7 </head> 8 9 <body> 10 <section> 11 <h1>Essay Outline</h1> 12 13 14 Introduction 15 16 Introduce Subject 17 18 What is it?</pre>			LIVE

As with the cloud pictures, we want the listed items a bit smaller than the regular text, so we add this styling:

```
1. section {
2.     font-size: 24px;
3. }
4. section h1 {
```

```

5.    font-size: 28px;
6.  }

7.  li {

8.    font-size: 0.5em;

9.  }

```

The outermost level is fine, the next level is almost readable but the innermost level is ridiculously small. Let's check what's wrong in the debugger.

Computed tab

Looking into the style settings in the chrome browser debugger, at first glance we don't see anything unusual. The font-size is .5em as expected. One odd thing is that below the user agent stylesheet panels is the over-ridden font-size setting identical to the current one, i.e. .5em on `` elements.

The screenshot shows the Chrome DevTools interface. On the left, the HTML structure is displayed with the following content:

```

<!DOCTYPE html>
<html>
  <!--
    * Please see the included README.md
    file for license terms and conditions.
  -->
  <head>...</head>
  <body>
    <p>Essay Outline</p>
    <ol>
      <li>
        "Introduction"
      </li>
      <li>
        "Introduce Subject"
      </li>
      <li>What is it?</li>
      <li>Why is it important</li>
    </ol>
    <li>Propose Thesis</li>
    <li>Outline</li>
  </ol>
</body>
</html>

```

On the right, the 'Computed' tab is active, showing the following CSS rules:

- element.style {**
 - `font-size: .5em;`
- li {** (from `default.css:8`)
 - `font-size: .5em;`
- li {** (from `user agent stylesheet`)
 - `display: list-item;`
 - `text-align: -webkit-match-parent;`
- Inherited from ul**
 - `ol ol ul, ol ul ul, user agent stylesheet`
 - `ul ol ul, ul ul ul {`
 - `list-style-type: square;`
- ul ul, ol ul {** (from `user agent stylesheet`)
 - `list-style-type: circle;`
- ul, menu, dir {** (from `user agent stylesheet`)
 - `display: block;`
 - `list-style-type: disc;`
 - `-webkit-margin-before: 1em;`
 - `-webkit-margin-after: 1em;`
 - `-webkit-margin-start: 0px;`
 - `-webkit-margin-end: 0px;`
 - `-webkit-padding-start: 40px;`
- Inherited from li**
 - `li {` (from `default.css:8`)
 - `font-size: .5em;`
- li {** (from `user agent stylesheet`)
 - `display: list-item;`
 - `text-align: -webkit-match-parent;`
- Inherited from ol**
 - `ol {` (from `user agent stylesheet`)
 - `display: block;`

Now that we know what's happening, we can fix it in a few different ways. We could use an absolute unit like `px` or `pt`, but a better solution would be `rem`. This would make the size relative to the html `font-size` (the default `font-size` for the page), not to it's surroundings.

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