Hello World!

Welcome to 6.170!

This is recitation 1.
Example with CSS

```css
h1 {
  font-family: Arial, Helvetica, sans-serif;
}

p {
  font-family: 'Times New Roman', Times, serif;
}

.friendly-msg {
  font-style: italic;
}
```

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This is recitation 1.
Example with more CSS

```html
html {
    --bg-color: hsl(238, 33%, 22%);
}

body {
    background-color: var(--bg-color);
    color: white;
}

body * {
    margin-left: 25px;
}

#top-heading {
    margin-left: 0;
}
```

Hello World!

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This is recitation 1.
CSS Box Model

Padding, Border, and Margin...Oh my!

Margin

Border

Padding

Content
CSS Box Sizing

color-box vs border-box

```
box-sizing: content-box;
width: 100px;
height: 100px;
padding: 10px;
```

```
box-sizing: border-box;
width: 100px;
height: 100px;
padding: 10px;
```
Exercise: Web Inspector

Examine the DOM of https://twitter.com/mit
Exercise: Web Inspector

Opening the Chrome Developer Tools:

1. Right click on a page and select ‘Inspect’
2. Or, in the Chrome menu, go to ‘View’ -> ‘Developer’ -> ‘Developer Tools’

Try the following:

● Change a tweet’s text (HTML)
● Change all tweets’ background-color (CSS)
● Remove a tweet
● Change the padding, margin, and border (give it a solid one) of a tweet
# CSS Units (the most important ones)

<table>
<thead>
<tr>
<th>Unit</th>
<th>Explanation</th>
</tr>
</thead>
<tbody>
<tr>
<td>px</td>
<td>“Pixels”</td>
</tr>
<tr>
<td>%</td>
<td>Relative to the parent element</td>
</tr>
<tr>
<td>em</td>
<td>Relative to the font-size of the element</td>
</tr>
<tr>
<td>rem</td>
<td>Relative to the font-size of the root element</td>
</tr>
<tr>
<td>vw</td>
<td>Relative to the width of the viewport</td>
</tr>
<tr>
<td>vh</td>
<td>Relative to the height of the viewport</td>
</tr>
</tbody>
</table>
Flexbox
Exercise: Flexbox

https://flexboxfroggy.com/

Do in recitation: 1-6, 8-9, 16, 18-20
Example / Exercise: Flexible Navbar

https://jsfiddle.net/bamazap/wntpahzx/

**Before**

<table>
<thead>
<tr>
<th>About</th>
<th>Skills</th>
<th>Interests</th>
<th>Projects</th>
<th>Contact</th>
</tr>
</thead>
</table>

**After**

| About | Skills | Interests | Projects | Contact |