

# Demo Pseudo – Walkthrough Instructions

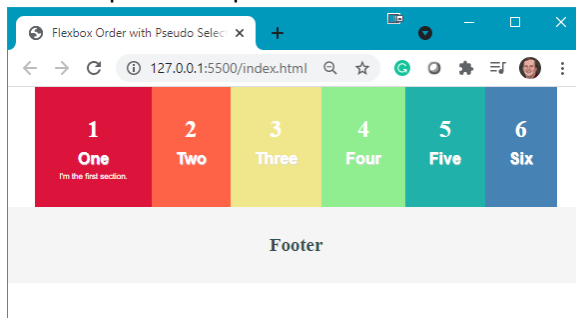
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## Demo Instructions

You can follow along with your instructor to complete this build and/or you can use this document as a guide in completing the demo build.

## Steps

1. Download the **demo-selectors.zip** file from Moodle and extract its contents to a folder named **demo-selectors**.
2. The completed output should look like:



3. You need to add some code to the **index.html** file:
  - a. Add a flex container:

```
<body>
  <main>
    <div class="flex-container">
      </div>
    </main>
  </body>
```

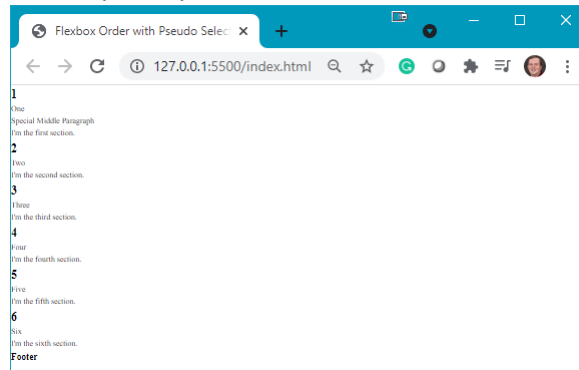
- b. Add `<section>` blocks inside the flex container:

```
<section>
  <h2>1</h2>
  <p>One</p>
  <p>Special Middle Paragraph</p>
  <p>I'm the first section.</p>
</section>
<section>
  <h2>2</h2>
  <p>Two</p>
  <p>I'm the second section.</p>
</section>
<section>
  <h2>3</h2>
  <p>Three</p>
  <p>I'm the third section.</p>
</section>
<section>
  <h2>4</h2>
  <p>Four</p>
  <p>I'm the fourth section.</p>
</section>
<section>
  <h2>5</h2>
  <p>Five</p>
  <p>I'm the fifth section.</p>
</section>
<section>
  <h2>6</h2>
  <p>Six</p>
  <p>I'm the sixth section.</p>
</section>
```

- c. Add a `<footer>`:

```
<footer>
  <section><h3>Footer</h3></section>
</footer>
```

The output in your browser should look like:



4. Now you need to add style rules to the `styles.css` file:

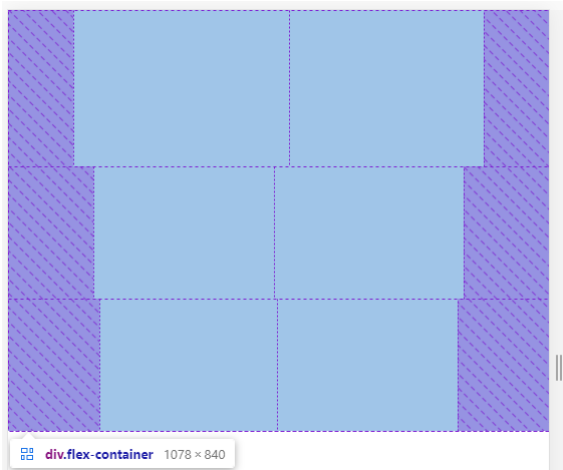
- a. Add a `.flex-container` class:

```
.flex-container {
  display: flex;
  flex-flow: row wrap;
  justify-content: center;
}
```

**Question:** What does this style rule do?

- b. Add styling for the <section> elements:

```
section {  
  padding: 3rem;  
  color: #fff;  
  font-size: 2rem;  
  text-align: center;  
}
```



- c. As the individual <section> blocks do not appear, you need to use a pseudo-selector to target the styling of each <section>:

- i. **first-child:**

```
/* :nth child selectors - selects elements based on their position  
as a child in any parent element*/  
section:first-child {  
  background-color: crimson;  
}
```

- ii. **last-child:**

```
section:last-child {  
  background-color: steelblue;  
}
```

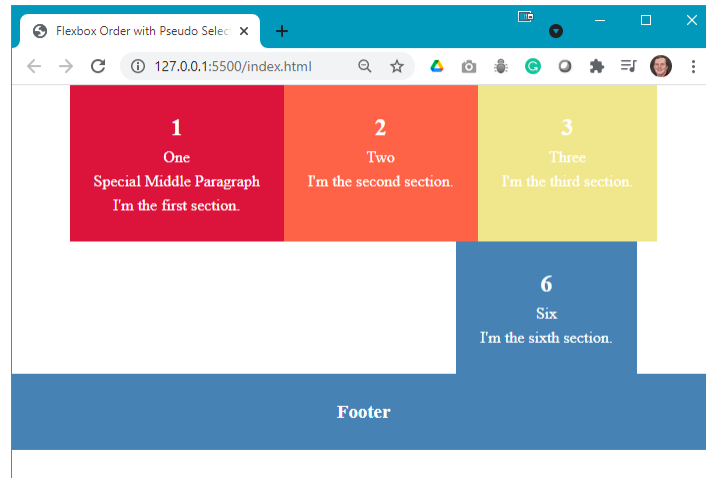
- iii. **nth-child(2):**

```
section:nth-child(2) {  
  background-color: tomato;  
}
```

- iv. **nth-child(3):**

```
section:nth-child(3) {  
  background-color: khaki;  
}
```

Refresh your browser to see:



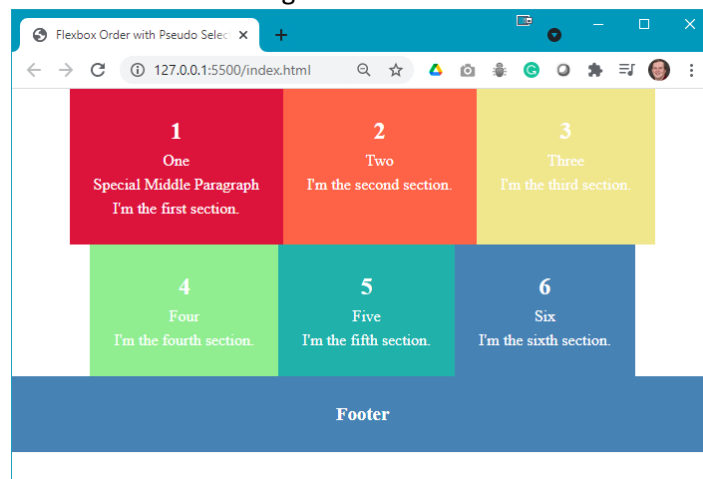
- v. **`nth-last-child(3)`** (this is the 3<sup>rd</sup> last child):

```
section:nth-last-child(3) {
  background-color: lightgreen;
}
```

- vi. **`nth-last-child(2)`** (this is the 2<sup>nd</sup> last child):

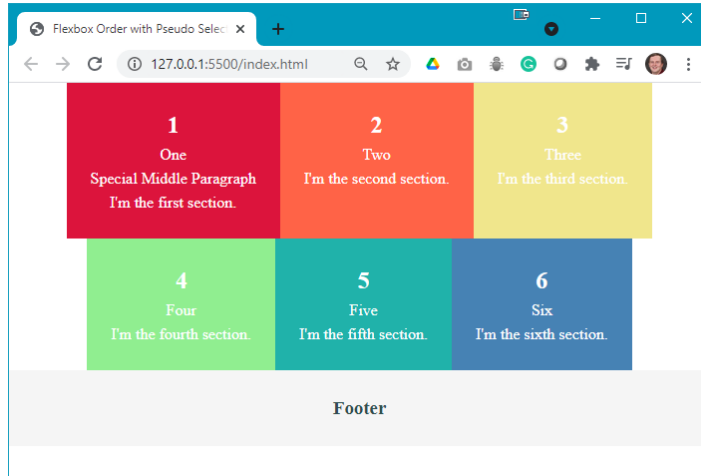
```
section:nth-last-child(2) {
  background-color: lightseagreen;
}
```

Refresh your browser to see the following making note of the colours you used for each section's background:



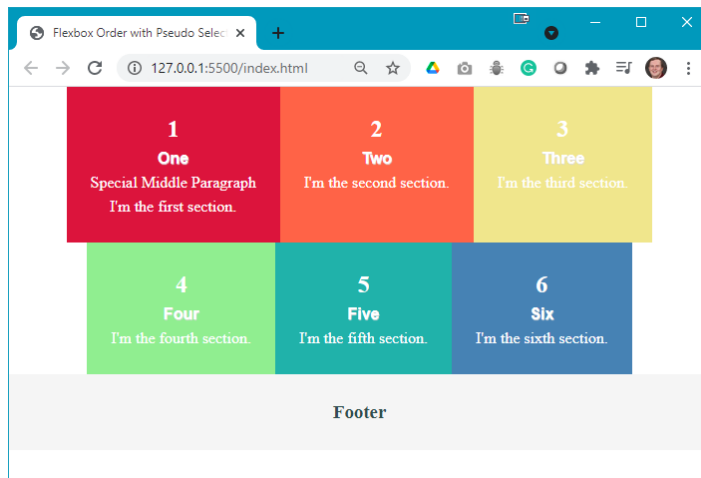
- d. The <footer> needs to have a different background colour:

```
/* The section inside the footer element is both the first child
and last child of the parent element. It's also the only section on
the page that is an only child. */
section:only-child {
  background-color: whitesmoke;
  color: darkslategray;
}
```



- e. The nth of type selector can be used to target the position of a child element. Each <section> has two <p> elements, thus you can target each of these using:

```
/* nth of type selectors - selects elements based on their
position as a child as that type of selector*/
/* The nth of type selector will work to select our paragraph
elements. If we want to grab the first paragraph in each section,
they are not the first child in that section, but they are the
first type of paragraph. */
p:first-of-type {
  font-family: sans-serif;
  font-weight: bold;
  text-shadow: 1px 1px 2px gainsboro;
}
```

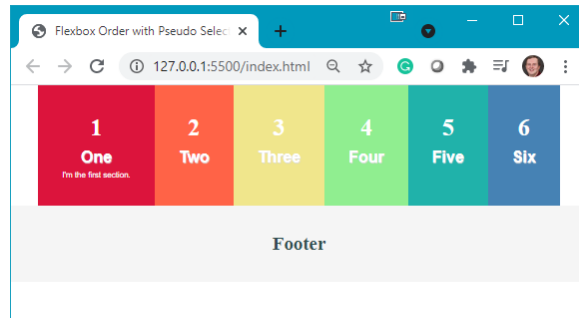


Note: the font of the 1<sup>st</sup> paragraph is now **bolded** and has a slight text shadow:

- f. Targeting the other paragraphs is done using:

```
p:last-of-type {  
    font-family: sans-serif;  
    font-size: 1rem;  
}
```

```
p:nth-of-type(2) {  
    display: none;  
}
```



## Summary

More CSS selectors using flexbox are in the next demo.