

CSS

CSS FUNDAMENTALS

VISUALIZATION

Display

Display / Visibility / Overflow / Z-Index



IN A ROCKET

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DISPLAY

VISIBILITY

OVERFLOW

Z-INDEX

DISPLAY

VISIBILITY

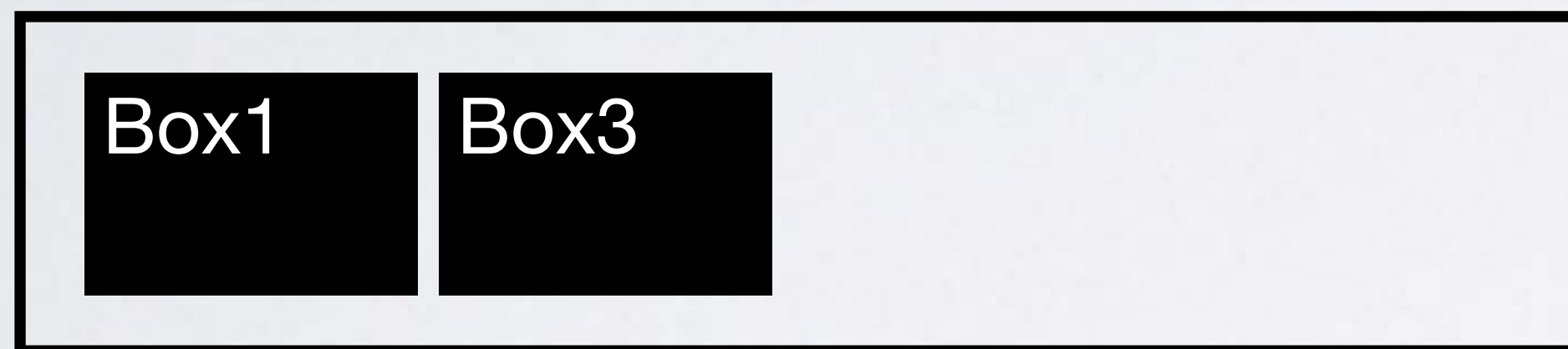
OVERFLOW

Z-INDEX

DISPLAY: NONE vs VISIBILITY: HIDDEN

display: none

```
.box2 { display: none; }
```



visibility: hidden

```
.box2 { visibility: hidden; }
```



DISPLAY

VISIBILITY

OVERFLOW

Z-INDEX

overflow: visible

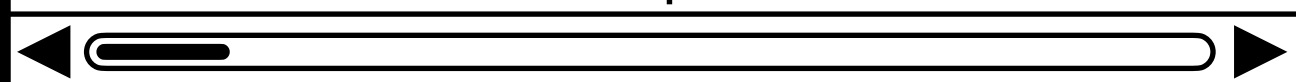
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overflow: hidden

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overflow: scroll

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consequuntur voluptatum suscipit quos
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overflow: auto

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HTML

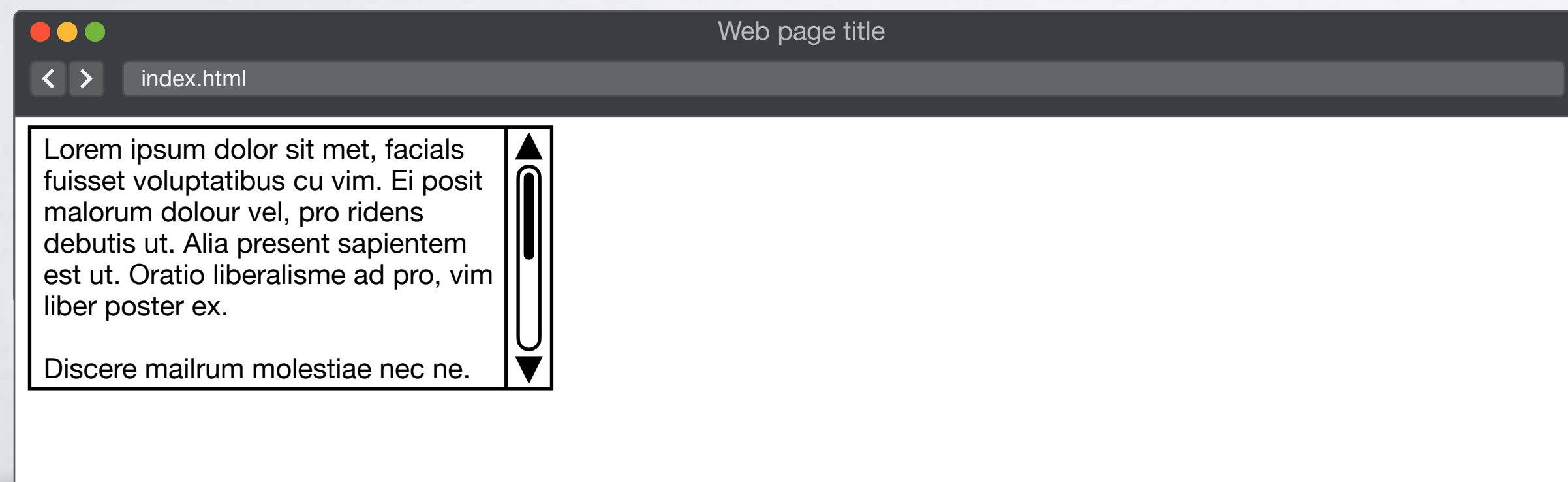
```
<body>
<div>
<p>Lorem ipsum dolor sit met, facials fuisset voluptatibus
cu vim. Ei posit malorum dolour vel, pro ridens debutis ut.
Alia present sapientem est ut. Oratio liberalisme ad pro,
vim liber poster ex.</p>

<p>Discere mailrum molestiae nec ne. Vim wisi justo eu, no
brute nonumy patrioque mei.</p>
</div>
</body>
```

CSS

```
div {
  width: 10rem;
  height: 5rem;
  border: 1px solid #000;
  overflow: auto;
}
```

Browser



DISPLAY

VISIBILITY

OVERFLOW

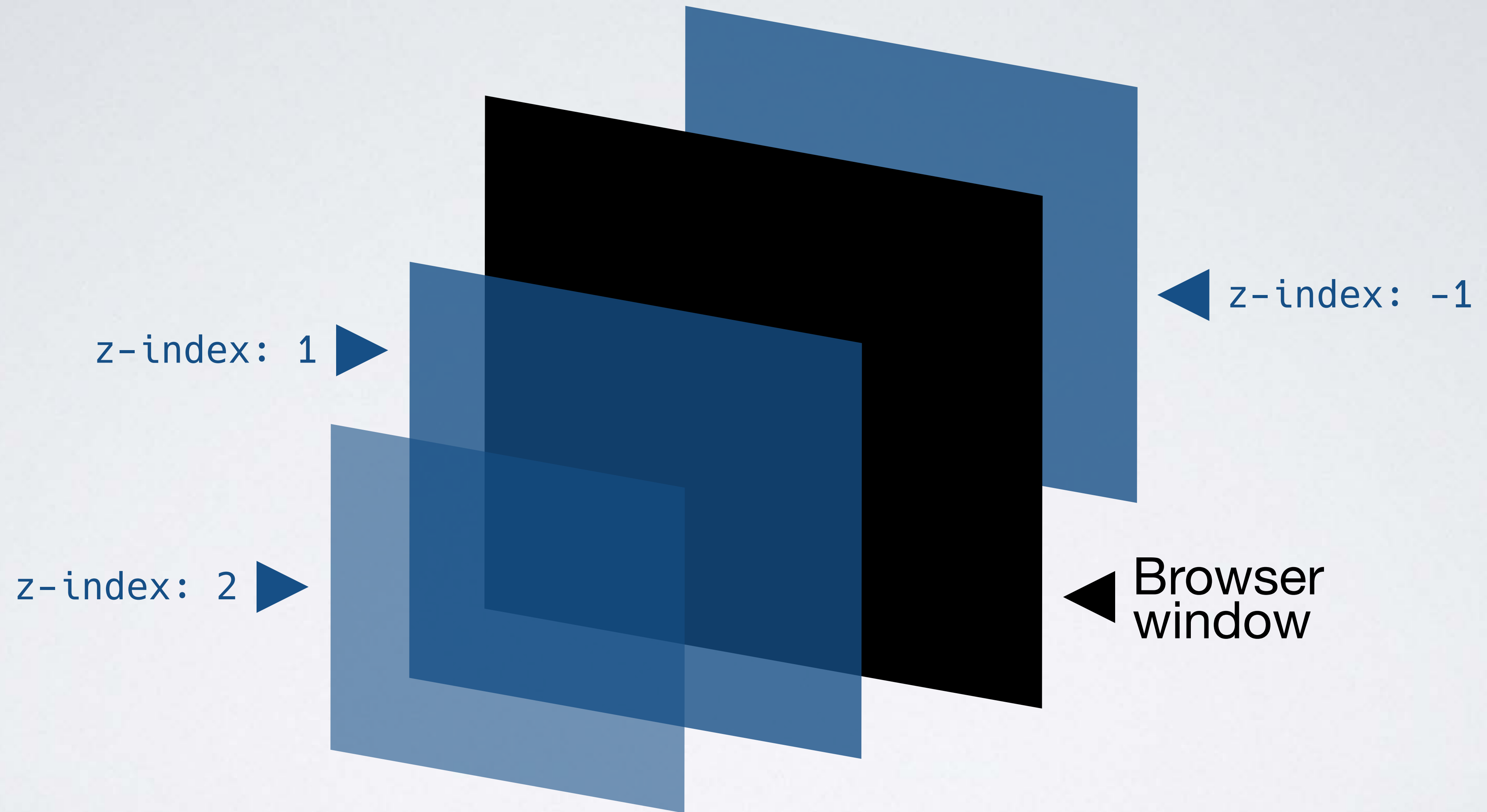
Z-INDEX

“The **z-index** property sets the z-order of a positioned element and its descendants or flex items. Overlapping elements with a larger z-index cover those with a smaller one.”



SOURCE: [Z-index](#) by MDN.

Z-INDEX



HTML

```
<body>
<div class="box1">Box1</div>
<div class="box2">Box2</div>
</body>
```

CSS

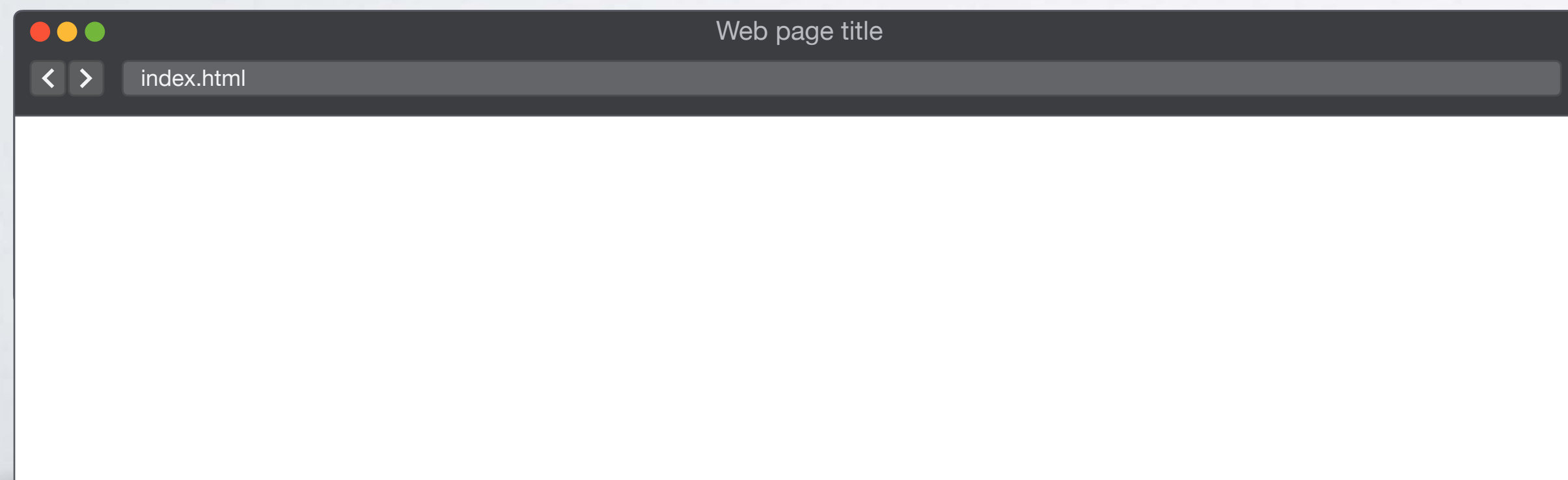
```
div {
  position: absolute;
  width: 12rem;
  height: 12rem;
}

.box1 {
  top: 4rem;
  left: 4rem;
  background: rgba(255,0,0,.8);
  z-index: 1;
}

.box2 {
  top: 9rem;
  left: 9rem;
  background: rgba(0,0,255,.8);
}
```

Positioned

Browser



DISPLAY



VISIBILITY



OVERFLOW



Z-INDEX



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