

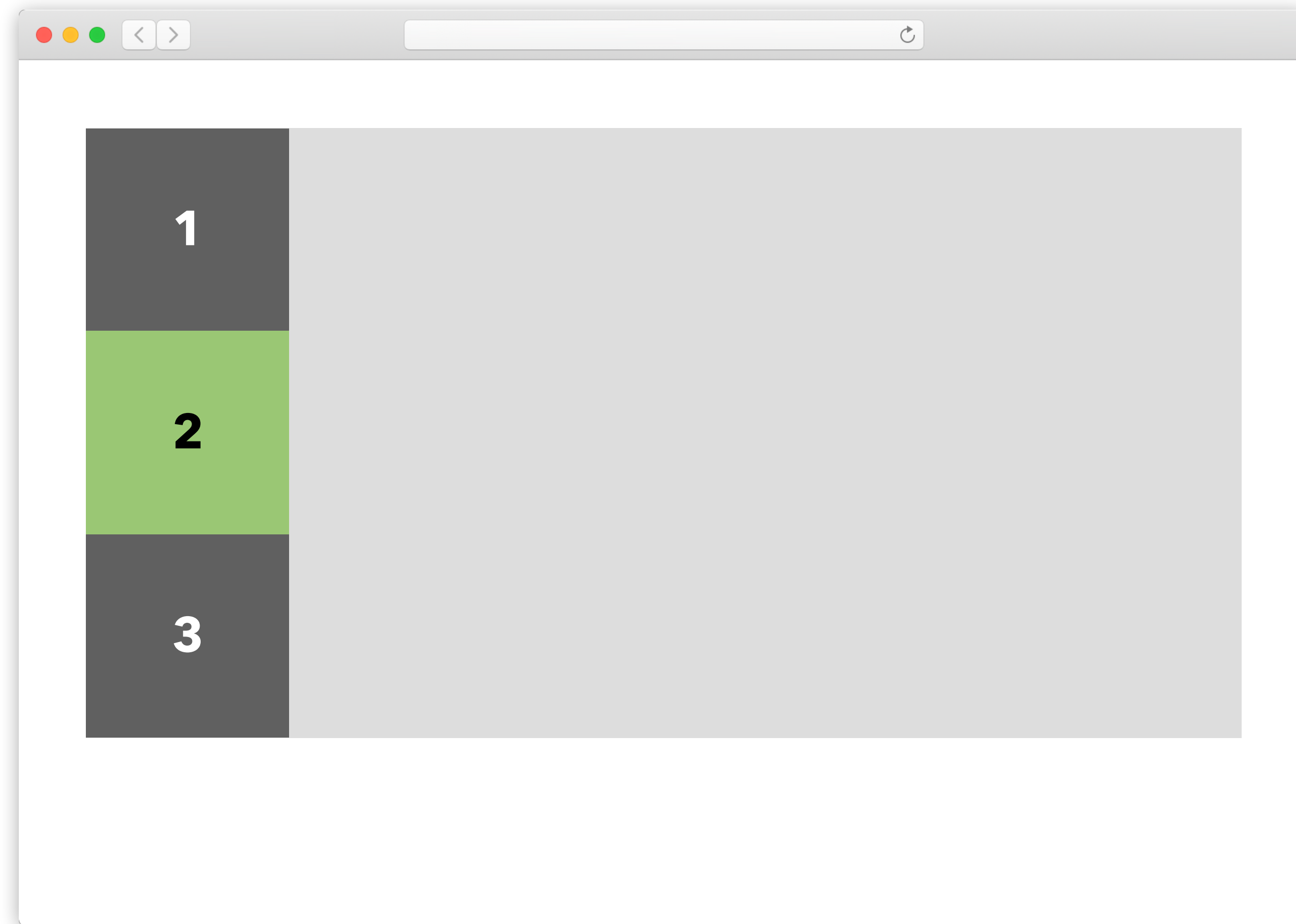
POSITIONING BASICS

NORMAL FLOW: POSITION STATIC

```
body {  
  padding: 50px;  
}  
  
.container {  
  background-color: #ddd; /* Light Grey */  
}  
  
.box {  
  color: #606060; /* Dark Grey */  
  width: 150px;  
  height: 150px;  
}  
  
.special {  
  color: #9ac774; /* Green */  
}
```

CODE

NORMAL FLOW: POSITION STATIC



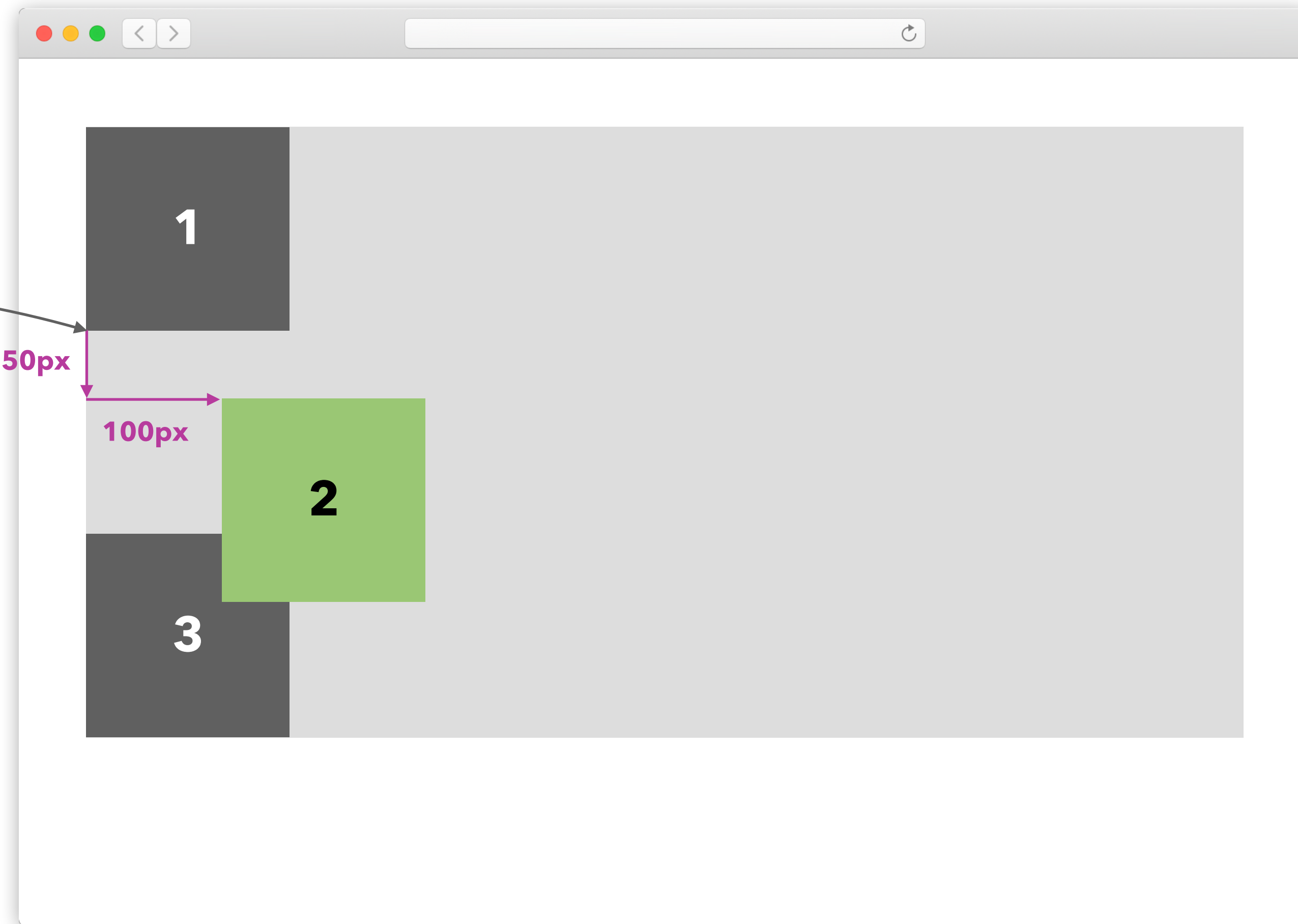
RELATIVE POSITIONING

```
.special {  
  position: relative;  
  top: 50px;  
  left: 100px;  
}
```

CODE

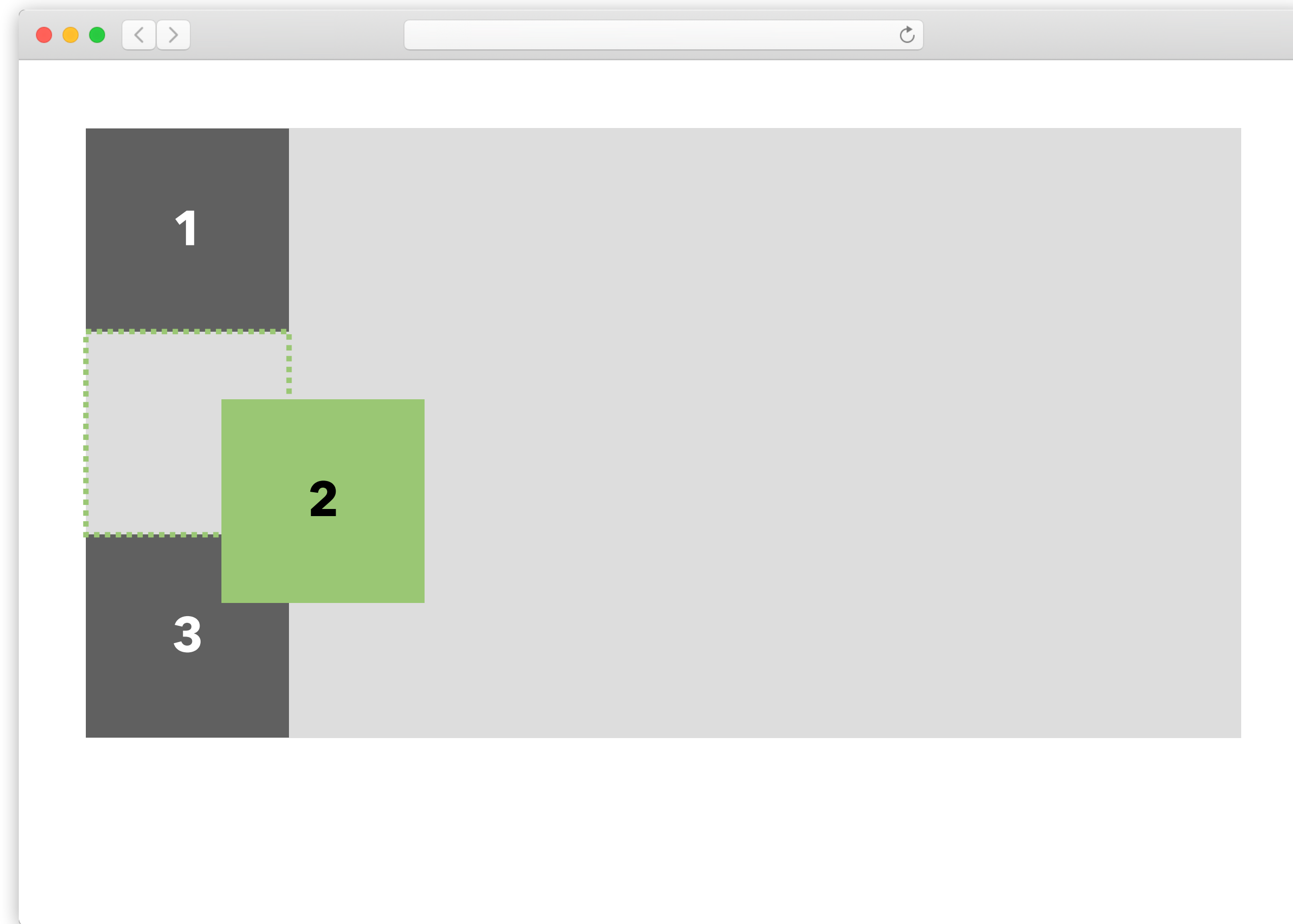
RELATIVE POSITIONING

`.special` offset
relative to itself.



RELATIVE POSITIONING

.special space
maintained in normal
document flow
(i.e. **3** doesn't move).



ABSOLUTE POSITIONING

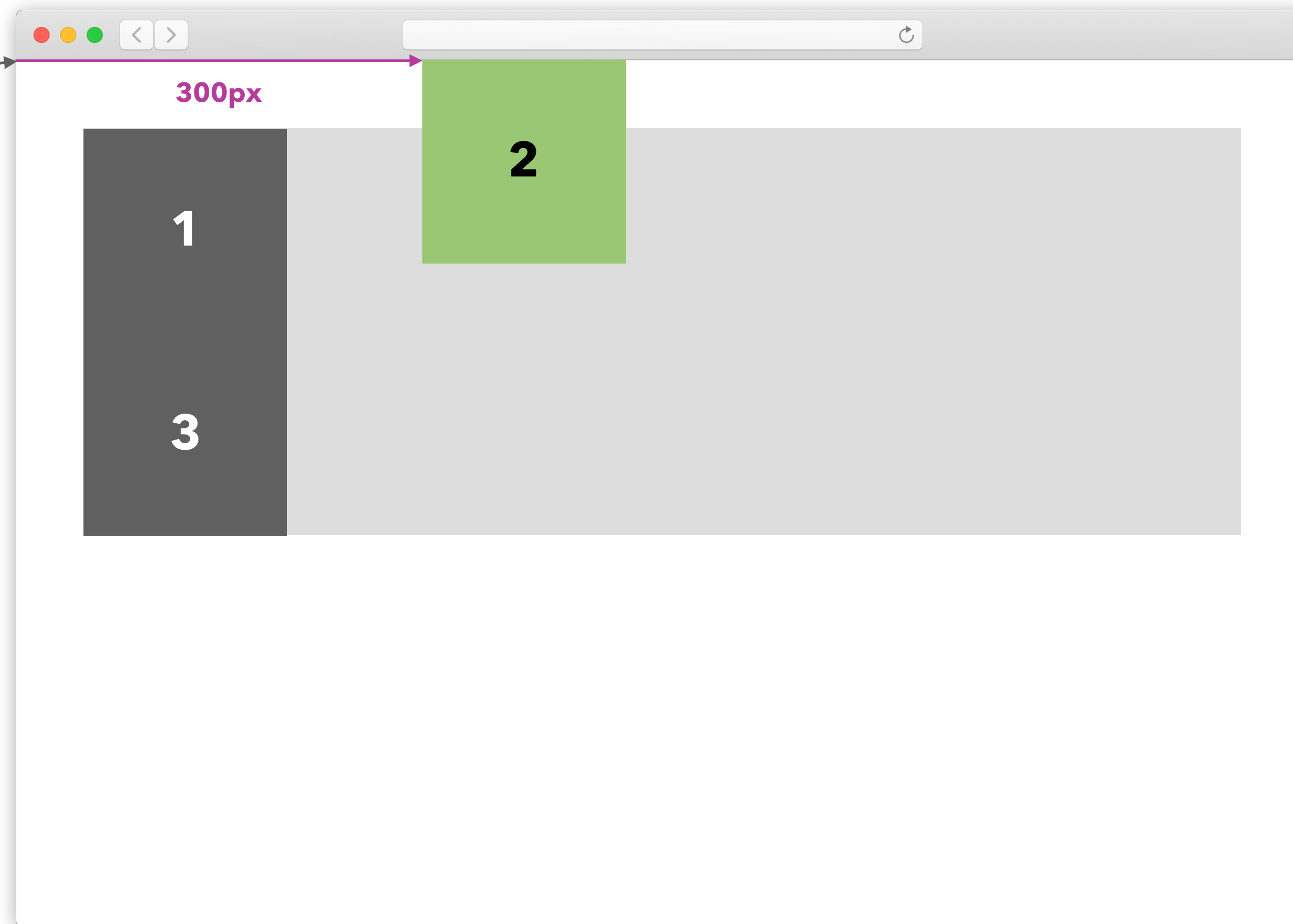
```
.special {  
  position: absolute;  
  top: 0;  
  left: 300px;  
}
```

CODE

ABSOLUTE POSITIONING

.special aligned relative to top left corner of browser.

.special removed from normal document flow (i.e. **3** moves up to fill empty space).



ABSOLUTE POSITIONING

```
.special {  
  position: absolute;  
  top: 0;  
  left: 300px;  
}
```

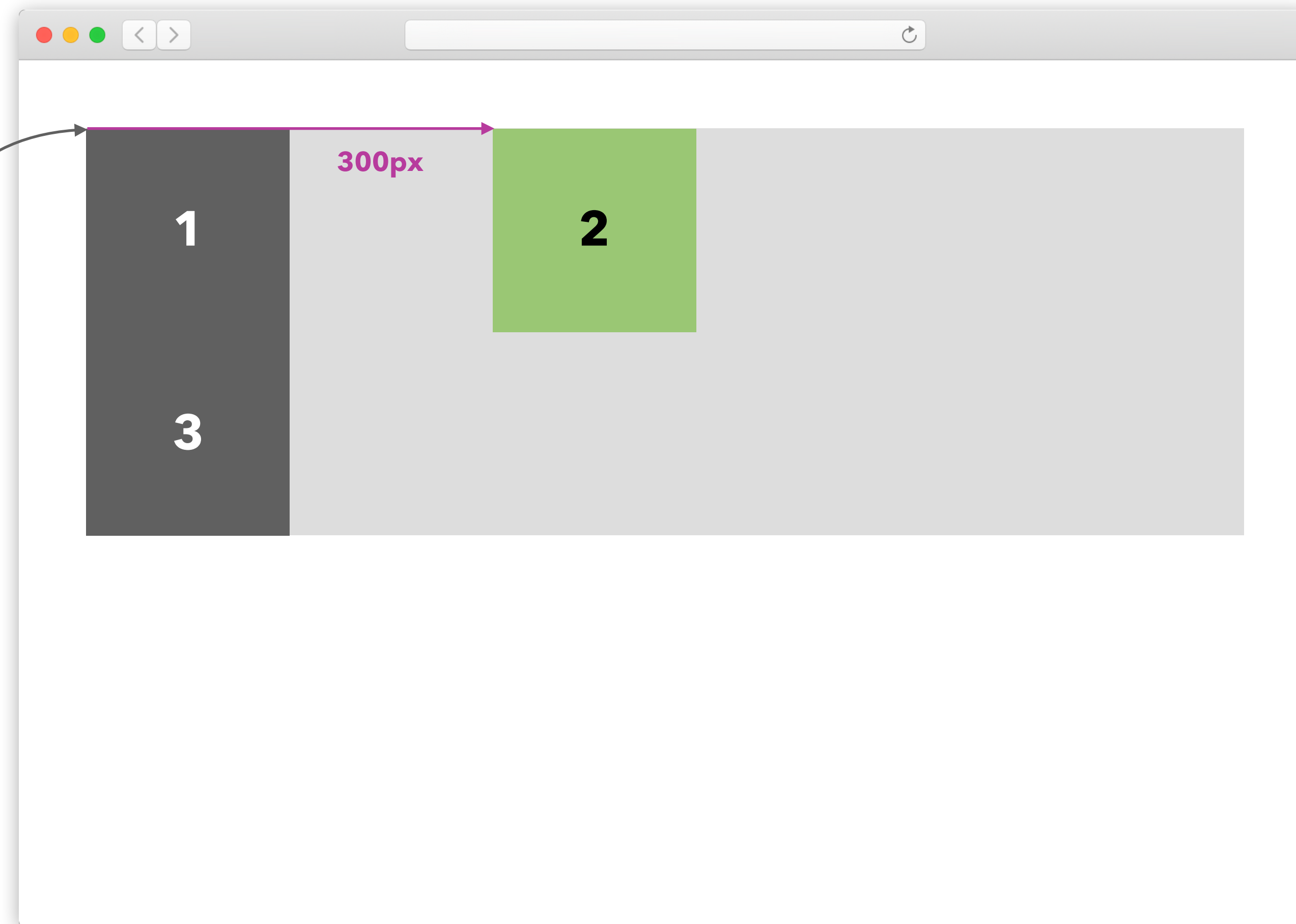
```
.container {  
  position: relative; /* Change reference for absolutely positioned element */  
}
```

CODE

ABSOLUTE POSITIONING

position: absolute
is positioned relative to
its closest positioned
ancestor.

position: relative
on **.container**
changes point of
reference **.special**.



FIXED POSITIONING

```
.special {  
  position: fixed;  
  top: 75px;  
  left: 0;  
  width: 100%;  
}
```

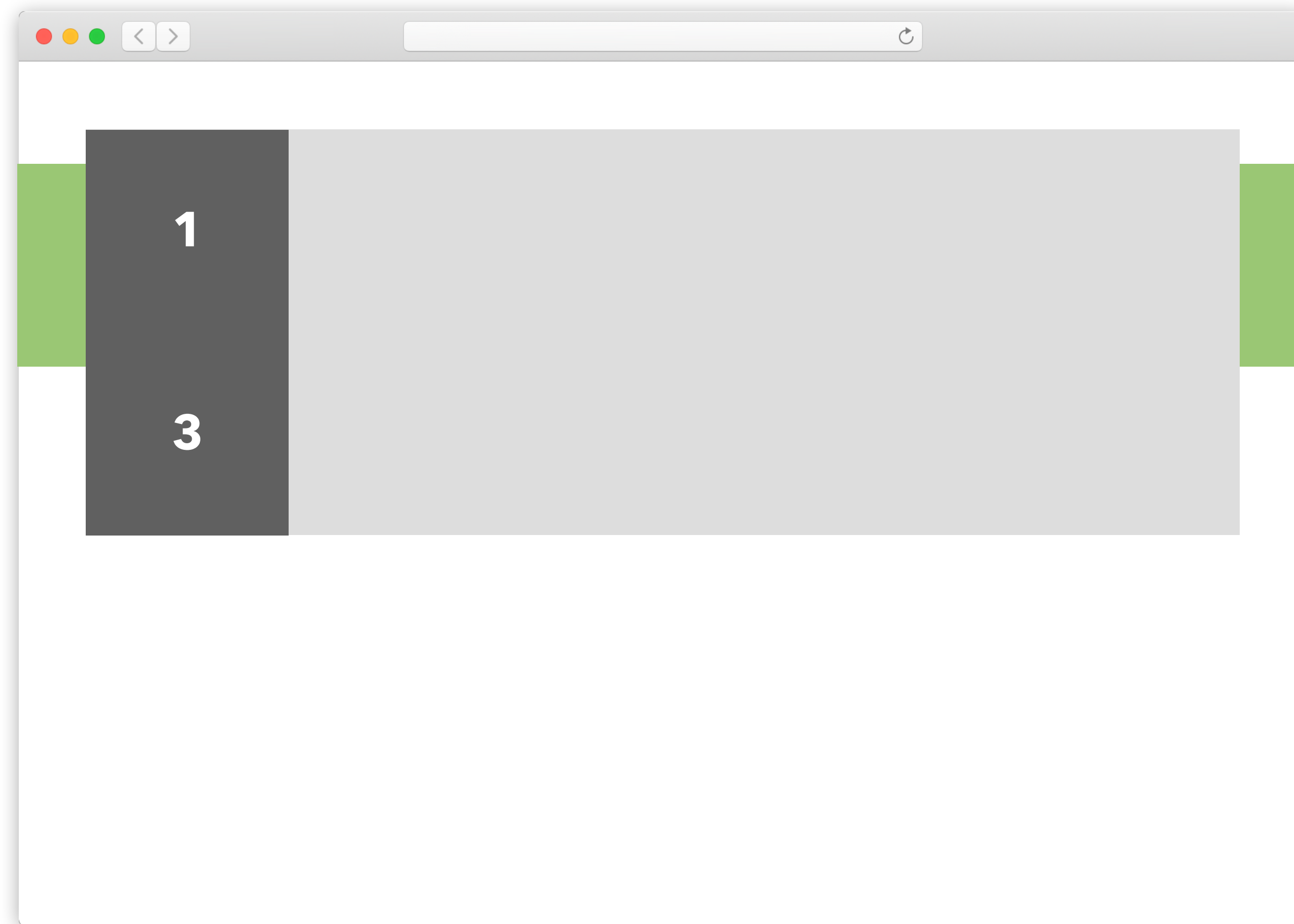
CODE

FIXED POSITIONING



OVERLAPPING ELEMENTS

If fixed positioned element is *behind* other elements...



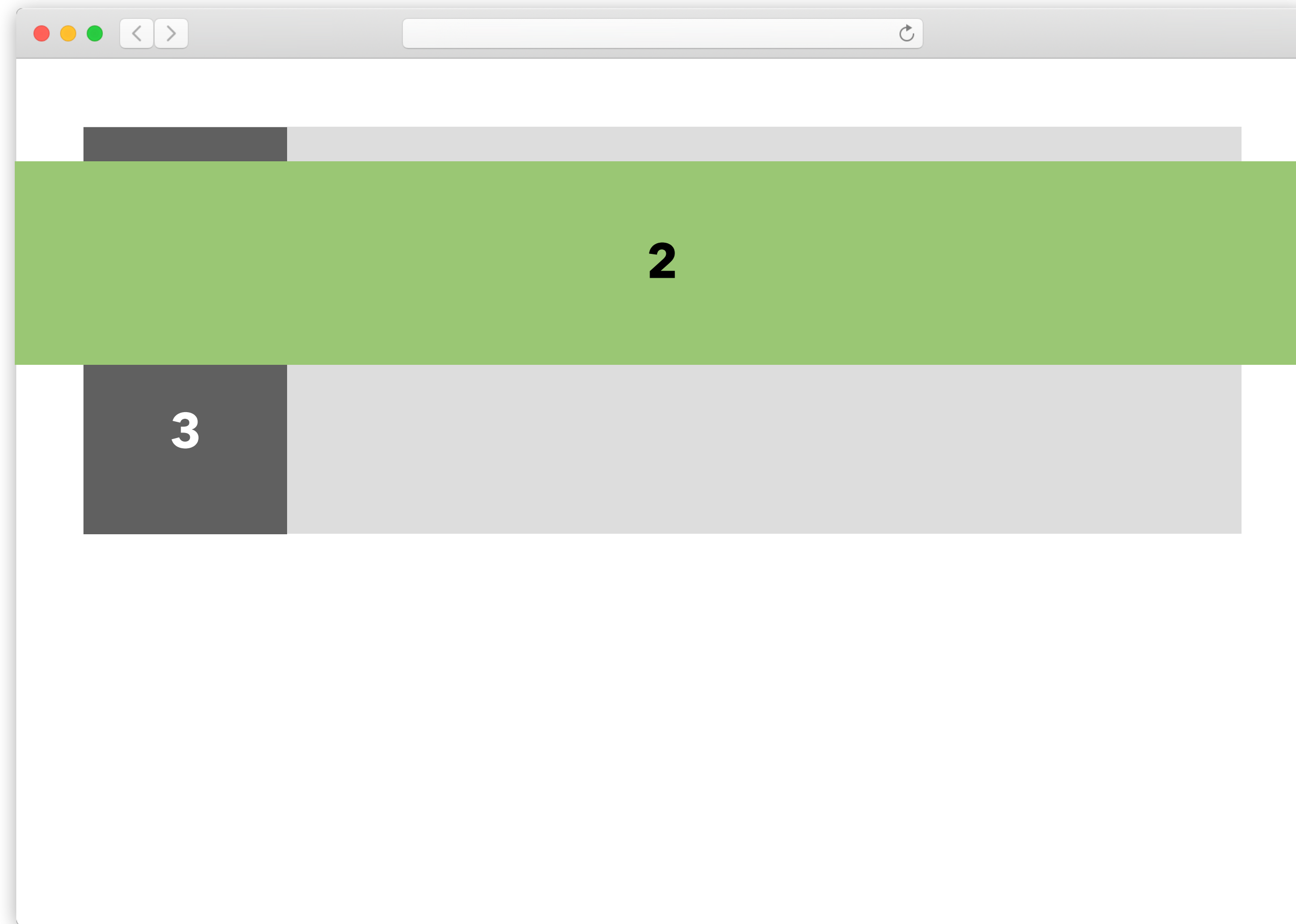
OVERLAPPING ELEMENTS

```
.special {  
  position: fixed;  
  top: 75px;  
  left: 0;  
  width: 100%;  
  z-index: 1; /* Order of elements on the z-axis. Higher numbers appear on top. */  
}
```

CODE

OVERLAPPING ELEMENTS

z-index ensures proper layering of elements.



DEMO