

## W5 - Lab4 - Layout Round II

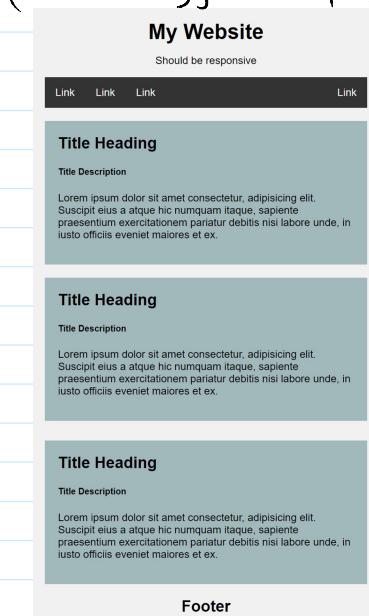
February 1, 2022 8:12 AM

Let us revisit the CSS layout using floats but this time, we will account for different screen sizes (aka responsive design). Using only floats and @media query

\*Goal - Wide screen ( $> 600$  px)



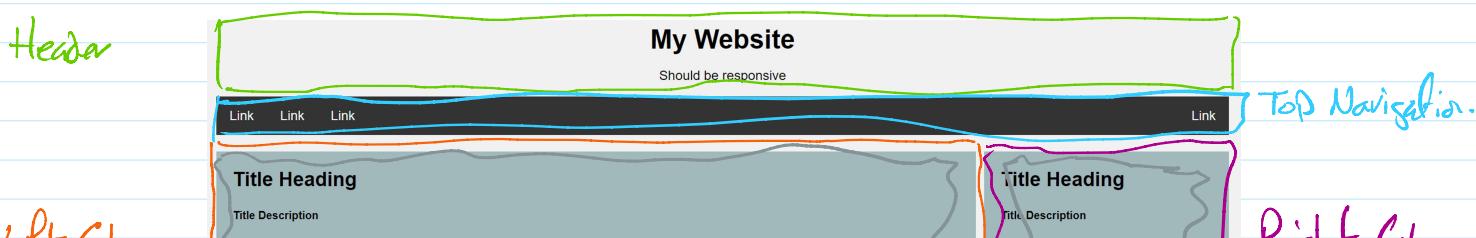
\*Goal - Medium Screen  
( $> 300$  &  $< 600$  px)

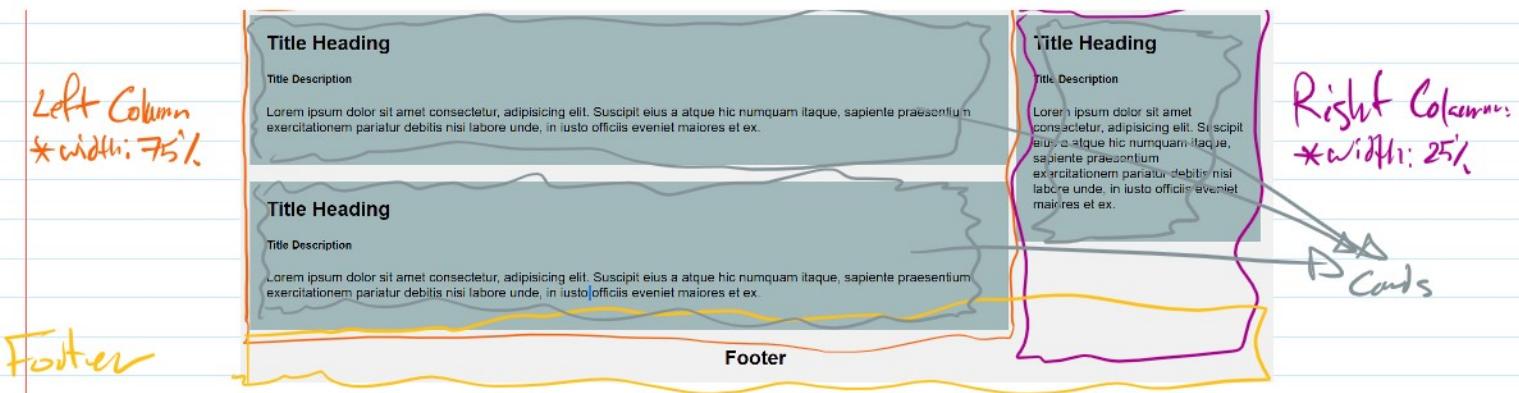


\*Goal - small screen  
( $< 300$  px)

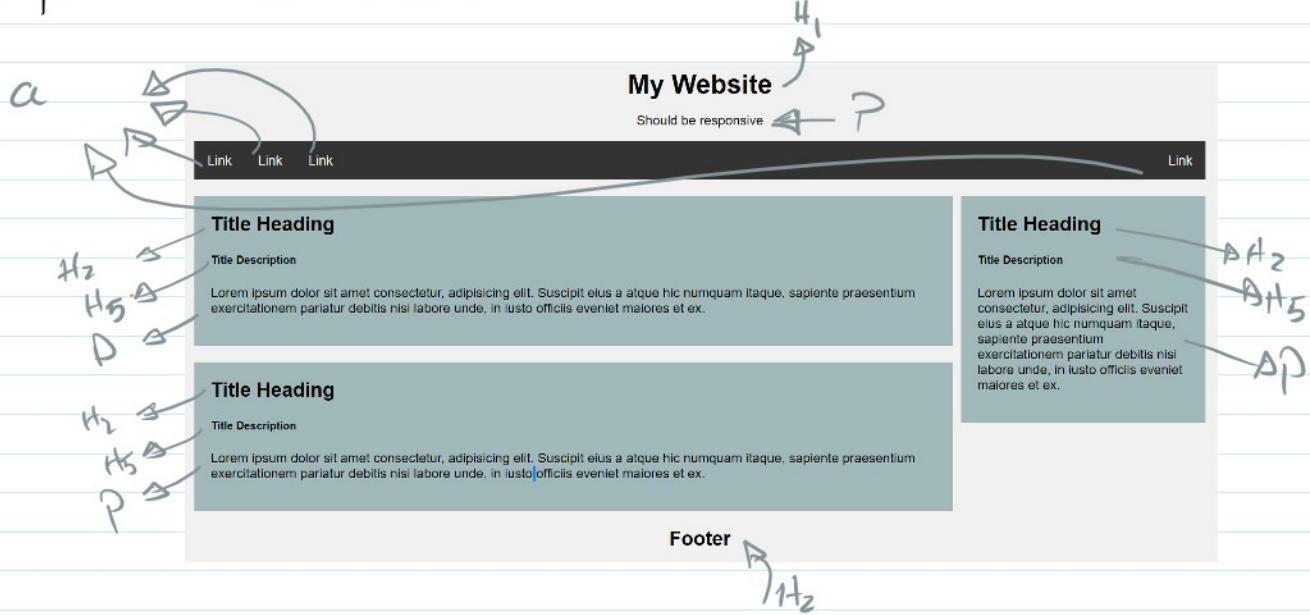


\*Step I - Design the Divisions.

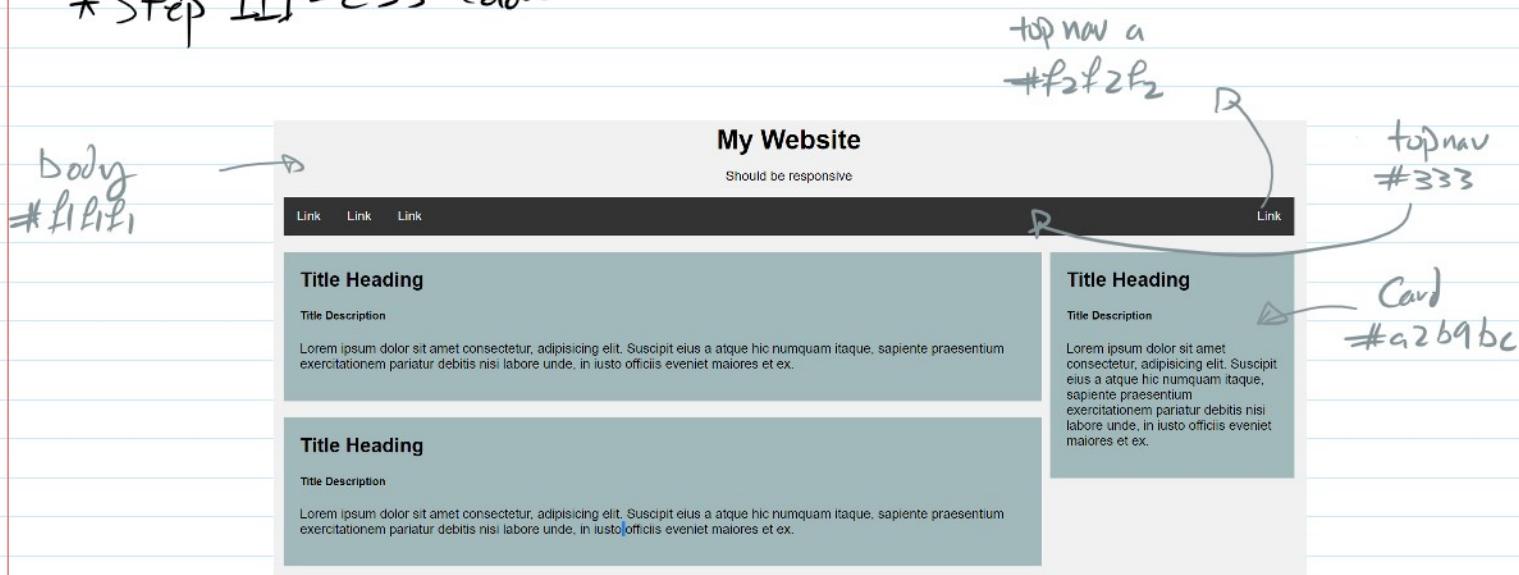




## \*Step II - HTML Elements



## \*Step III - CSS Colors



Body  
#f1f1f1

My Website  
Should be responsive

Link Link Link

Title Heading  
Title Description  
Lorem ipsum dolor sit amet consectetur, adipisicing elit. Suscipit eius a atque hic numquam itaque, sapiente praesentium exercitationem pariatur debitis nisi labore unde, in iusto officiis eveniet maiores et ex.

Title Heading  
Title Description  
Lorem ipsum dolor sit amet consectetur, adipisicing elit. Suscipit eius a atque hic numquam itaque, sapiente praesentium exercitationem pariatur debitis nisi labore unde, in iusto officiis eveniet maiores et ex.

Footer

topnav #333

Card #a2b9bc

## \* Step IV - CSS Box Model

Body  
padding: 10px

topnav a  
padding-top: 14px  
padding-bottom: 14px  
padding-left: 16px  
padding-right: 16px

Display: block;

My Website  
Should be responsive

[Link] Link Link

Title Heading  
Title Description  
Lorem ipsum dolor sit amet consectetur, adipisicing elit. Suscipit eius a atque hic numquam itaque, sapiente praesentium exercitationem pariatur debitis nisi labore unde, in iusto officiis eveniet maiores et ex.

Title Heading  
Title Description  
Lorem ipsum dolor sit amet consectetur, adipisicing elit. Suscipit eius a atque hic numquam itaque, sapiente praesentium exercitationem pariatur debitis nisi labore unde, in iusto officiis eveniet maiores et ex.

Footer

Card  
padding: 20px

margin-top: 10px

\* Reset  
\* All H1, H2, H3, & div tags → margin: 0px  
\* Box-sizing: border-box

## \* Step V - Fonts

body  
font-family: Arial

My Website  
Should be responsive

Link Link Link

Title Heading  
Title Description  
Lorem ipsum dolor sit amet consectetur, adipisicing elit. Suscipit eius a atque hic numquam itaque, sapiente praesentium

Title Heading  
Title Description  
Lorem ipsum dolor sit amet

text-align: center

Kont-ruum u

The diagram shows a responsive card layout. At the top left, there is handwritten text: "#topnav a {text-decoration: none;". A blue arrow points from this text to the first column of the card layout. The layout consists of three columns and a footer. Each column has a title "Title Heading" and a "Title Description" section with placeholder text. The footer is labeled "Footer".

## \* Step VI - Responsive Cards

The diagram shows two responsive card layouts side-by-side. Both layouts have a header "My Website" and a "Should be responsive" note. They feature three columns and a footer.

- Wide Screen (Left):** The columns are labeled "Title Heading". The first column has a "Link" at the top. The second column has a "Link" at the bottom. The third column has a "Link" at the top. The footer is labeled "Footer". Handwritten notes indicate: "1) wide screen (> 600px)" with "left column width = 70%" and "right column width = 30%".
- Non-wide Screen (Right):** The columns are labeled "Title Heading". The first column has a "Link" at the top. The second column has a "Link" at the bottom. The third column has a "Link" at the top. The footer is labeled "Footer". Handwritten notes indicate: "2) Non-wide Screen" with "left column width = 100%" and "right column width = 100%".

@media screen and (max-width: 600px){

#left-column, #right-column{  
width = 100%;}

}

→ Also #right-column{  
padding-left: 0px;}

## \* Step VII - Top Navigation Bar

```

<div id="topnav">
  <a> Link </a>
  <a> Link </a>
  :
  :
</div>

```

```

#topnav {
  overflow: hidden;
}

```

?

```

#topnav a {
  float: left;
  display: block;
}

```

?



Now, in smaller screens (<300px), we want to remove the float

@media screen and (max-width: 300px) {

```

#topnav a
  float: none !important
}

```

?



\*Challenge - Responsive Images ?

small screen

Wide screen

