

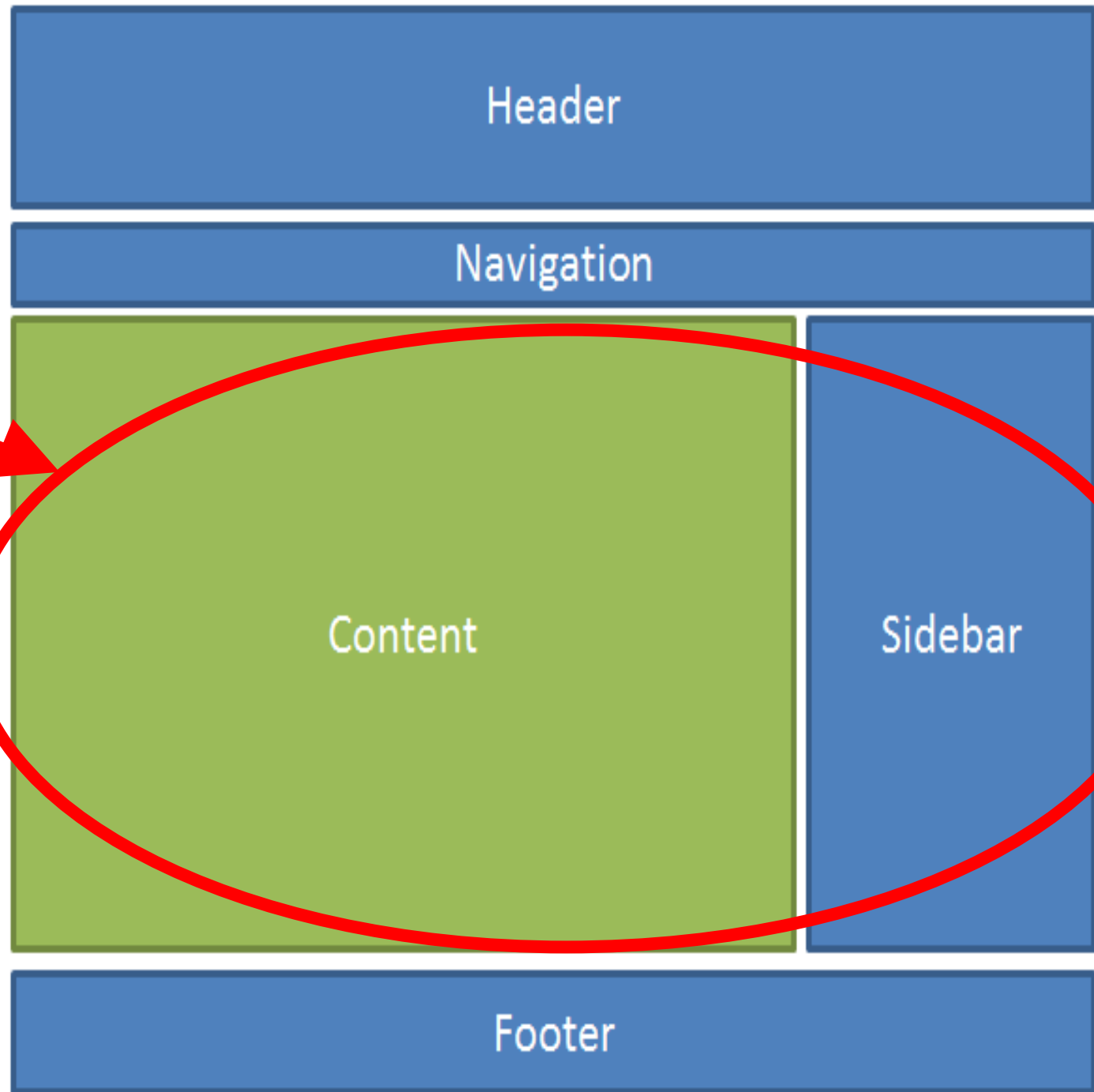
# Web Presentation (CSS) for Layout

# Columnar Layouts using CSS

- The World Wide Web: system of sharing “documents”  
*...remember: academic research papers!*
  - No need for columnar layouts
  - Tables (for tabular data)
  - Floats (for pushing images left or right and having text wrap around)
- No concept of...
  - Banners
  - Navigation bars
  - Sidebars
  - Headers, footers, et cetera

# Columnar layout

A **columnar layout** is any layout where some of the content is positioned side-by-side



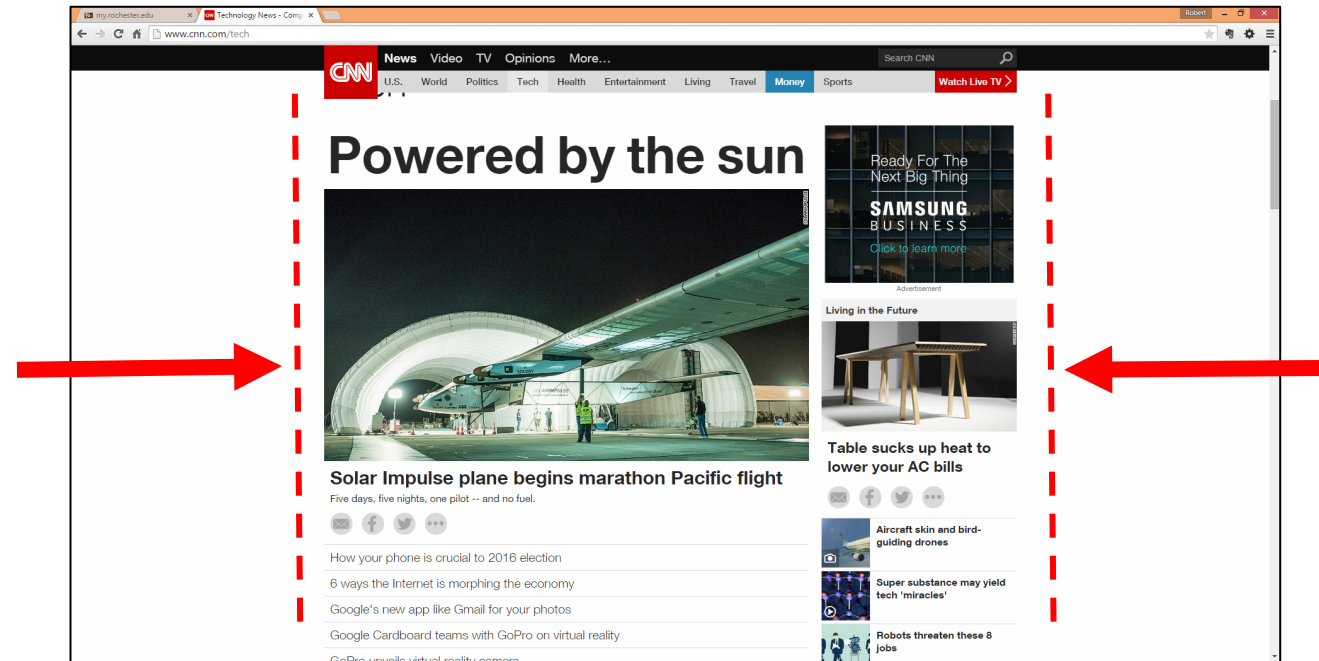
# Centering Page Content with CSS

```
<body>  
  <div class="container">  
    Hello World!  
  </div><!-- .container -->  
</body>
```

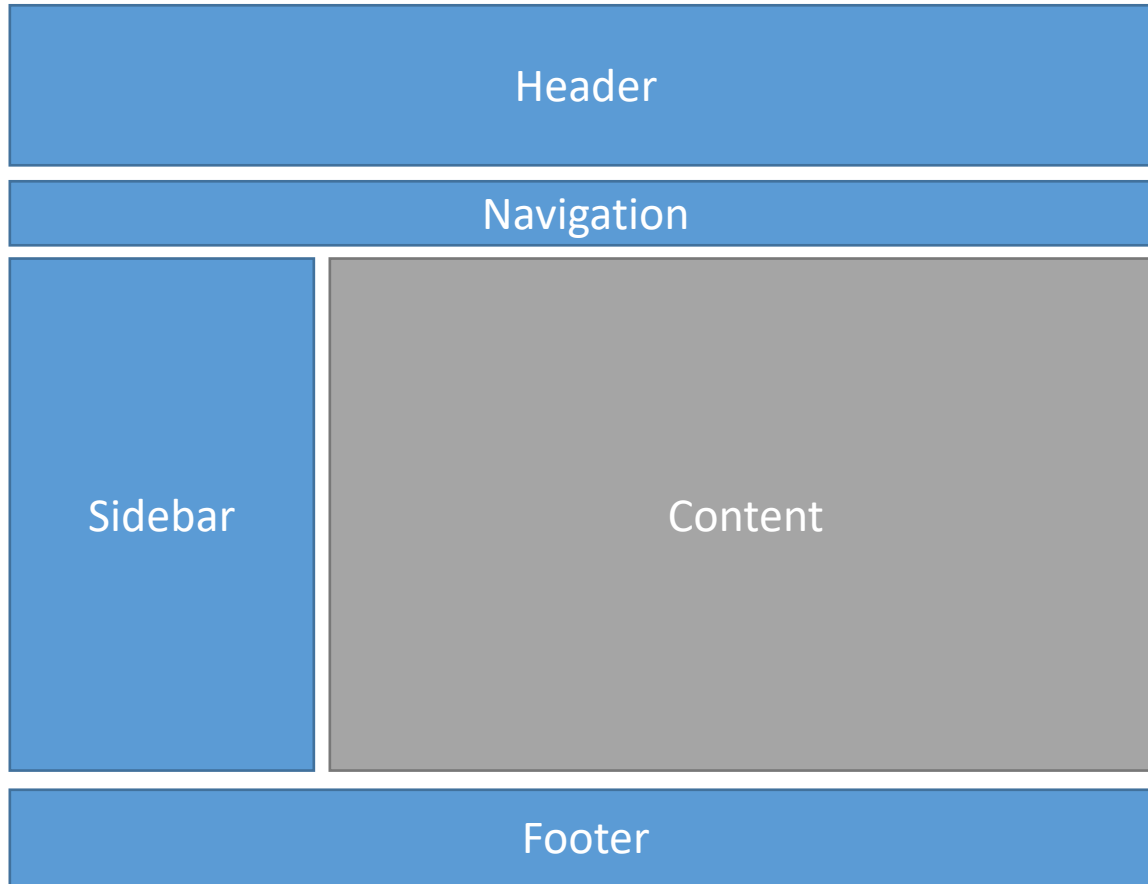
HTML

```
.container {  
  margin: 0 auto;  
  width: 90%;  
  max-width: 960px;  
}
```

CSS



# The Classic “C-clamp”



All content  
“constrained”  
to stay in the  
middle of the  
viewport

## ***History of web page layout***

0. natural document flow (HTML)

1. **table (HTML)**

2. **float (CSS)**

3. **inline-block (CSS)**

4. **table (CSS)**

5. **flex (CSS)**

6. **grid (CSS) NEW in 2017!**

These use  
the CSS  
“display:”  
property