

CSS and HostGator

CIS2336

Outline

- Reminder – Homework Due February 6 midnight
- HostGator Account Set Up
- CSS – Make it look pretty!
- Rulesets
- Selectors
- Identifying Problems
- Final Project Rubric will be discussed next class. It on Blackboard

HostGator Account

- Username
 - Cougarnet username + f18
 - Istewardf18
- Password
 - I(#1DboTKbw=

<http://heyuhnem.com/cpanel>

Any problem with setting up? Use today Time.



Style your index.html

```
<!doctype html>
<html>
  <head>
    <title>My First Web App</title>
    <link href='style.css' rel='stylesheet'
type='text/css'>
  </head>

  <body>
    <h1>Hello, World!</h1>

    <p>This is a paragraph.</p>
  </body>
</html>
```

```
body {
    background: lightcyan;
    width: 800px;
    margin: auto;
}
h1 {
    color: maroon;
    text-align: center;
}
p {
    color: gray;
    border: 1px solid gray;
    padding: 10px;
}
```



Hello, World!

This is a paragraph.

CSS – Rulesets

CSS represents a set of style rules that apply

- Selector
- Opening Curly Bracket
- Property, followed by colon
- Value, followed by semicolon
- Closing Curly Bracket

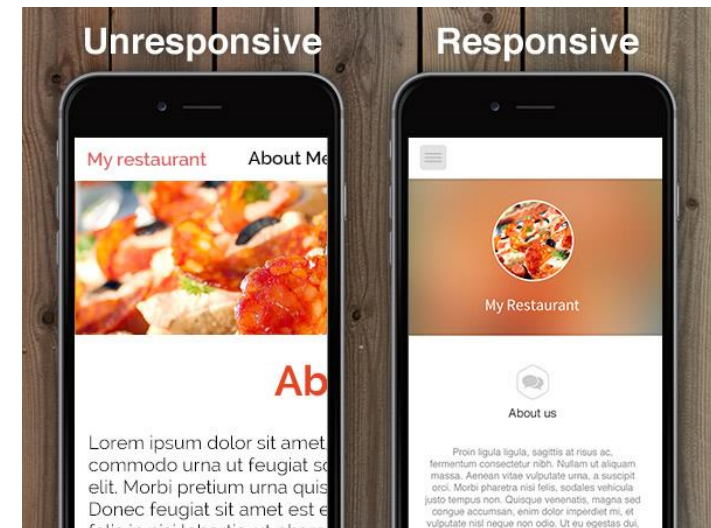
```
body {  
    background: lightcyan;  
    width: 800px;  
    margin: auto;  
}
```

Responsive Web Design

Used in Final project

Responsive Design

Automatically adjusts layout based on the height and width of the browser



Web Design Strategy

Adaptive

Provides optimal viewing experience for a set of screen sizes

Generally doesn't respond once loaded



Responsive

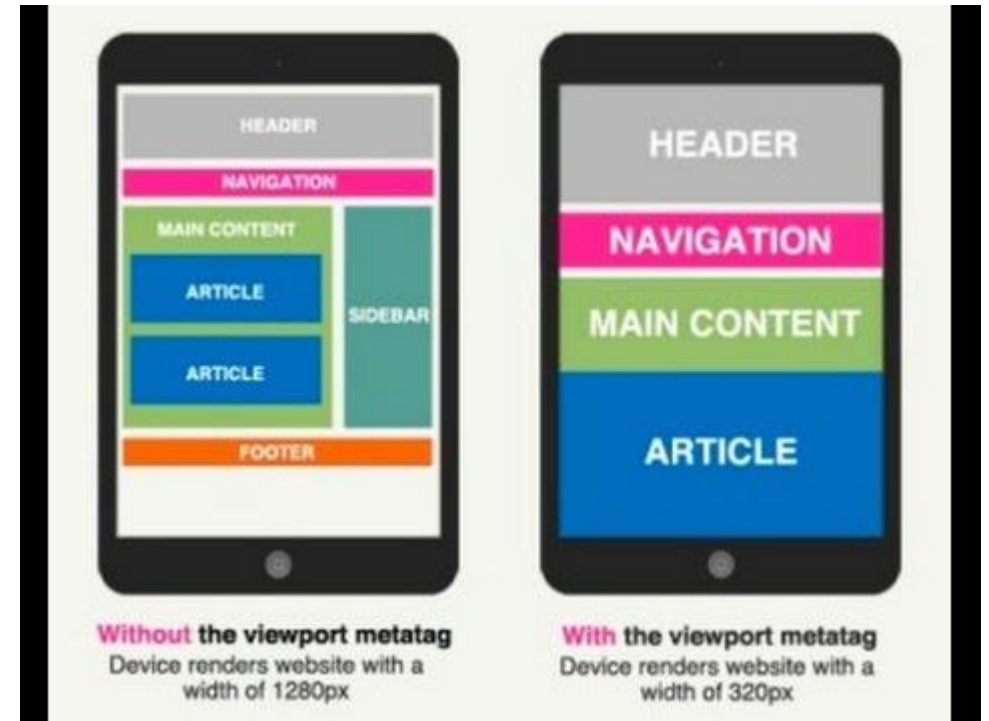
Provides optimal viewing experience of a website, no matter what type of device the user is seeing it on

Changes according to screen size
“at runtime”

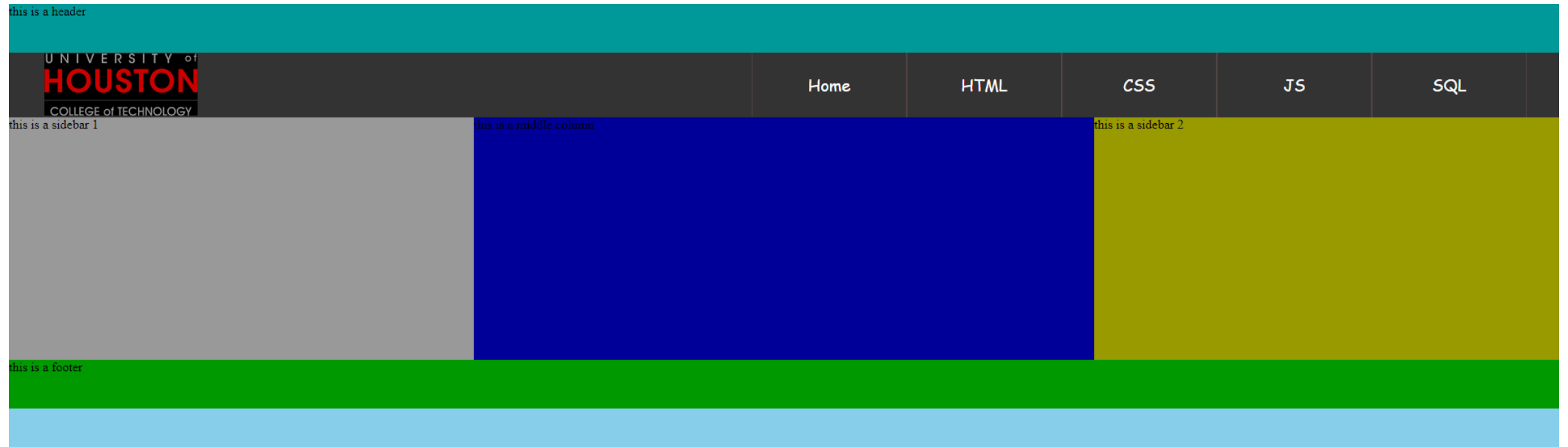


Viewports

- Viewport is the user's visible area of a web page
- When too big, page gets scaled down to fit
- HTML5 introduced ability to manipulate viewports
 - `<meta name="viewport" content="width=device-width, initial-scale=1.0">`



Practical Implementation: Navigation Bar



Creating Home page with liquid design
Check on <http://www.responsinator.com/>

DIY

Code

- Create basic webpage index.html and style.css and transfer to HG
- Add title: UH, CIS, College of technology, Fofanova
- Add comments: Class, semester, year, name
- Create Header with ID as DIV (logical division)
- <https://www.youtube.com/watch?v=WOQJIVcxeQY>
- <https://www.youtube.com/watch?v=Q7eoOSZ7JdY&list=PL081AC329706B2953&index=9>
- <https://www.youtube.com/watch?v=P71U-doyzNg&index=10&list=PL081AC329706B2953>
- <https://www.youtube.com/watch?v=8uTNq7fs5-s&index=11&list=PL081AC329706B2953>