

A decorative graphic on the right side of the slide. It features a large, semi-transparent blue circle. Inside this circle is a smaller, semi-transparent green circle. Within the green circle is a pink circle containing a white, stylized letter 'G'. The background of the pink circle is filled with white binary code (0s and 1s).

# Web Dev Lecture 2

Code Girls 2021-22

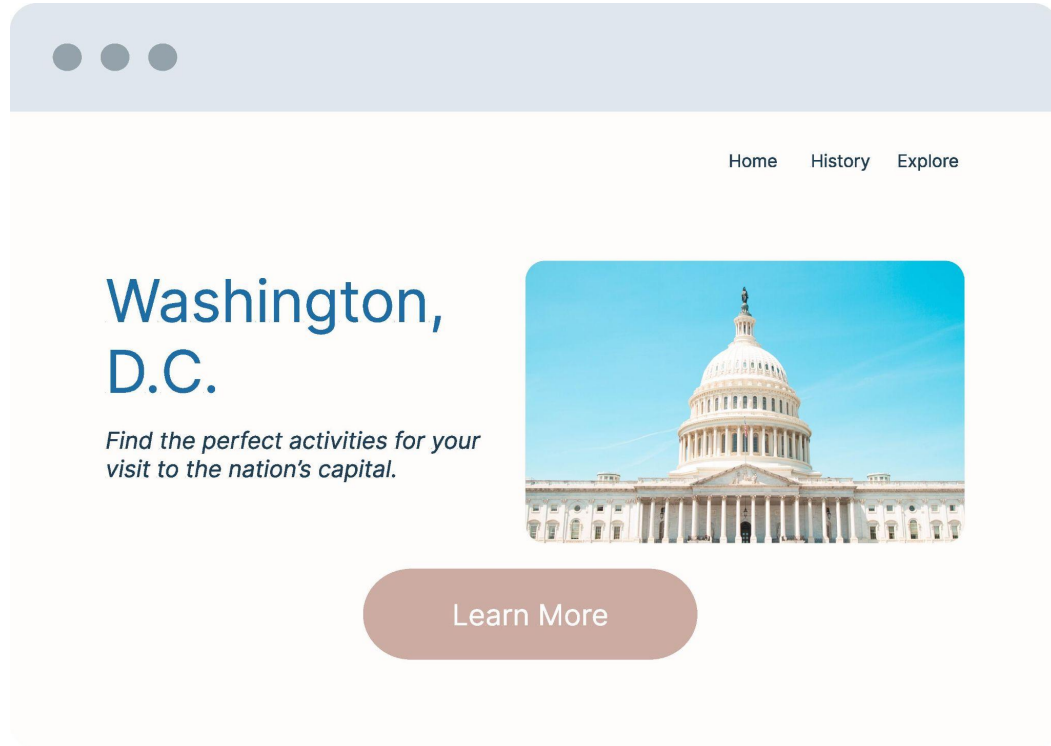


# Helpful Resources

- W3schools:  
<https://www.w3schools.com/html/default.asp>
- MDN web docs:  
<https://developer.mozilla.org/en-US/docs/Glossary/HTML5>



# Source File





# Headings, Paragraphs

- HTML headings: `<h1>` to `<h6>` tags (most to least important)
- Heading sizes are default. You can custom set the size
  - `<h1 style="font-size:60px;">Heading 1</h1>`
- HTML paragraphs: `<p>` tag
- `<b>` - Bold text  
`<strong>` - Important text  
`<i>` - Italic text

`<h1>`, color: #1E6EA5

Washington,  
D.C.

*Find the perfect activities for your  
visit to the nation's capital.*

`<p>`, `<i>` color:  
#203F54



# Links

- Basic syntax:

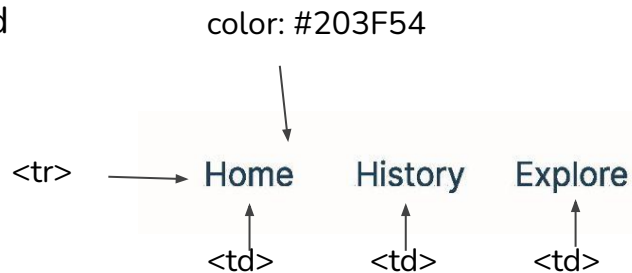
`<a href="url">link text</a>`

- By default, this makes the link:
  - Underlined and blue
  - Underlined and purple after being clicked
- The “target” attribute
  - Where the link will be opened
  - `_self` - default (same tab)
  - `_blank` - new tab
  - `_parent` - in parent frame
  - `_top` - in full body of window

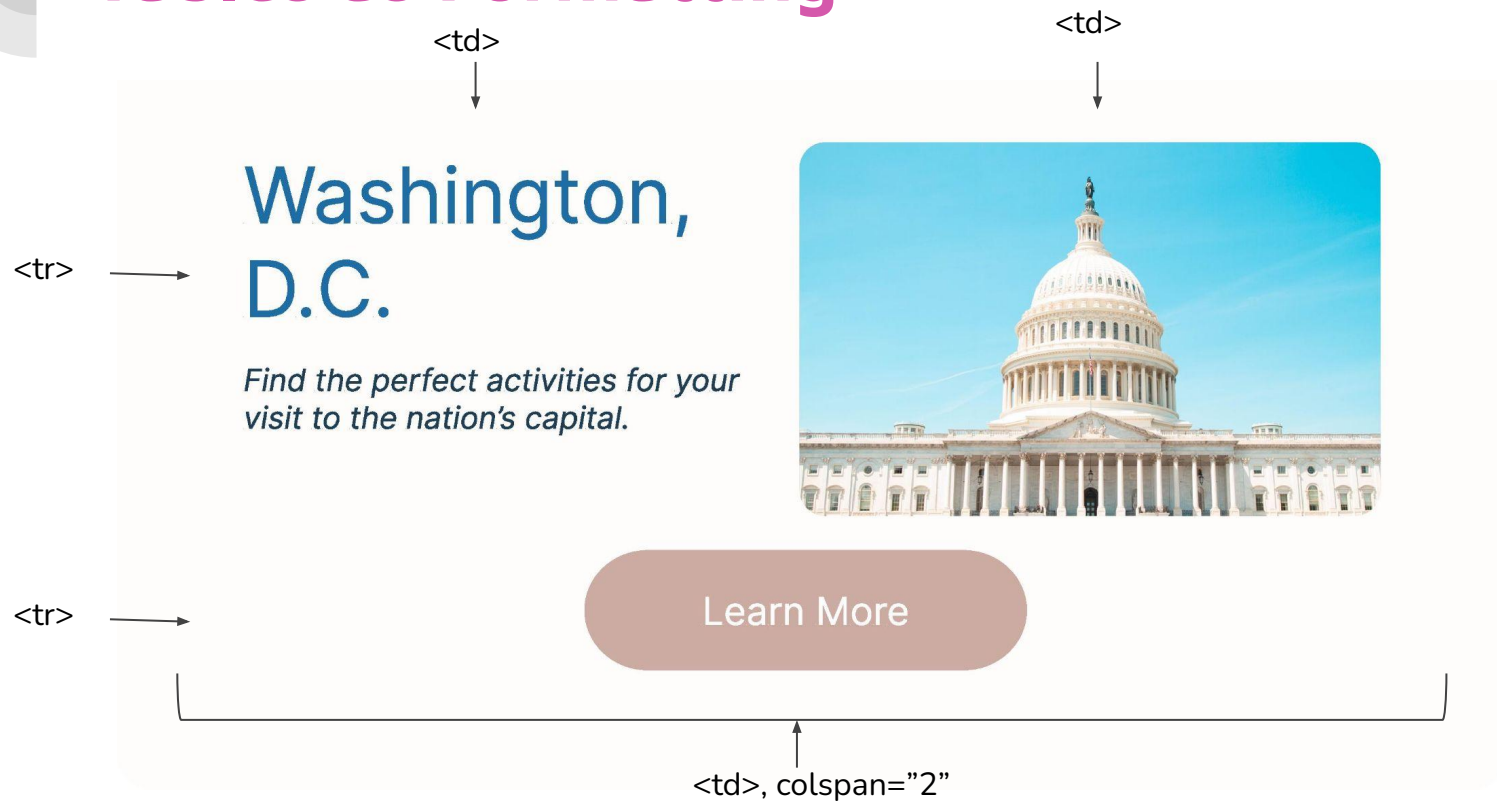


# Tables

- Tags
  - whole table - `<table>`
  - row - `<tr>`
  - table header - `<th>`, default bold and centered
  - data/cell `<td>`, default left aligned
- colspan/rowspan
- Captions → acts as a title for the table
- Can customize a lot more with CSS!



# Tables as Formatting





# Images

- Makes the website more interesting!
- Basic Syntax:

```

```

- src - how the browser gets the image from a web server
- alt - if the image cannot load
- Image formatting

```

```

```

```







# Buttons

- Basic syntax:

```
<button type="button">Click Me!</button>
```

- Specify type of button:
  - “button”
  - “reset”
  - “submit”
- Place text, <img>, <a>, etc. inside



## Linking buttons

- onclick event listener
- Use buttons to move to different links, screens
- Multiple ways to do this!

```
<button type=button onClick="location.href='explore.html'"></button>
```

- Using `<a></a>`:

```
<a href="explore.html">
```

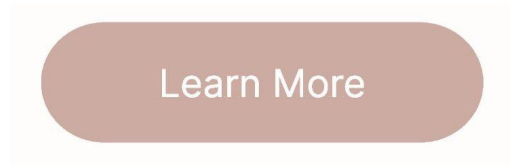
```
    <button type=button>Click Me</button>
```

```
</a>
```



## CSS with Buttons

- CSS makes our buttons look more interesting
- background-color: #CCABA2  
border: none;  
color: #FEFDFC  
padding: 15px 45px;  
text-align: center;  
text-decoration: none;  
display: inline-block;  
font-size: 16px;  
border-radius: 30px;





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