

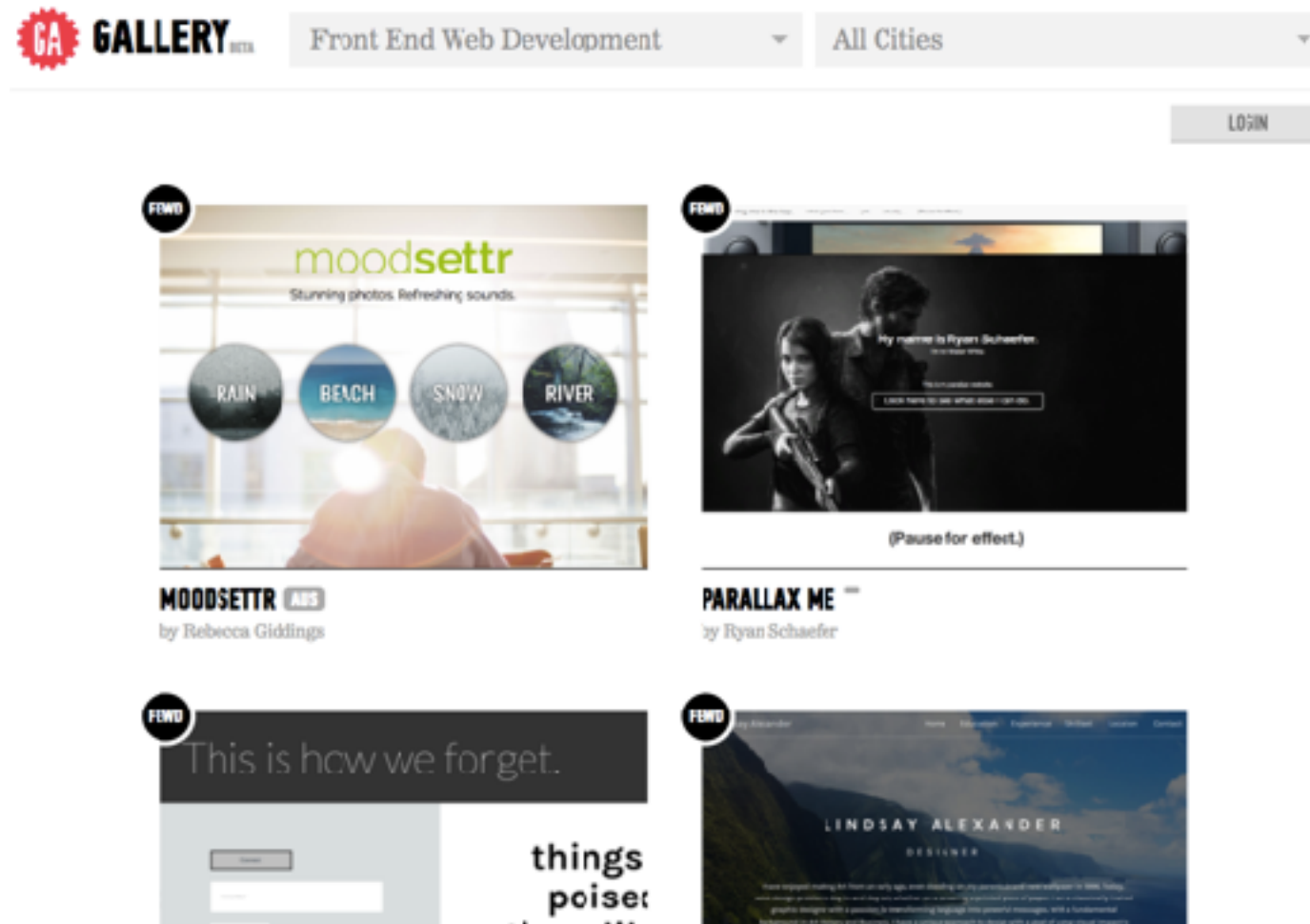
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## WARM UP QUESTION

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WHAT IS THE  
BRAVEST THING YOU  
DID IN 2017?

# FINAL PROJECTS



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## CSS BASICS

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# LEARNING OBJECTIVES

- Add an external stylesheet to an HTML web page.
- Learn CSS syntax rules.
- Add specificity to tags using ids and classes.

**REVIEW**

# ACTIVITY

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## EXERCISE

### **KEY OBJECTIVE**

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- Review the cookies page

### **TIMING**

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*15 min*

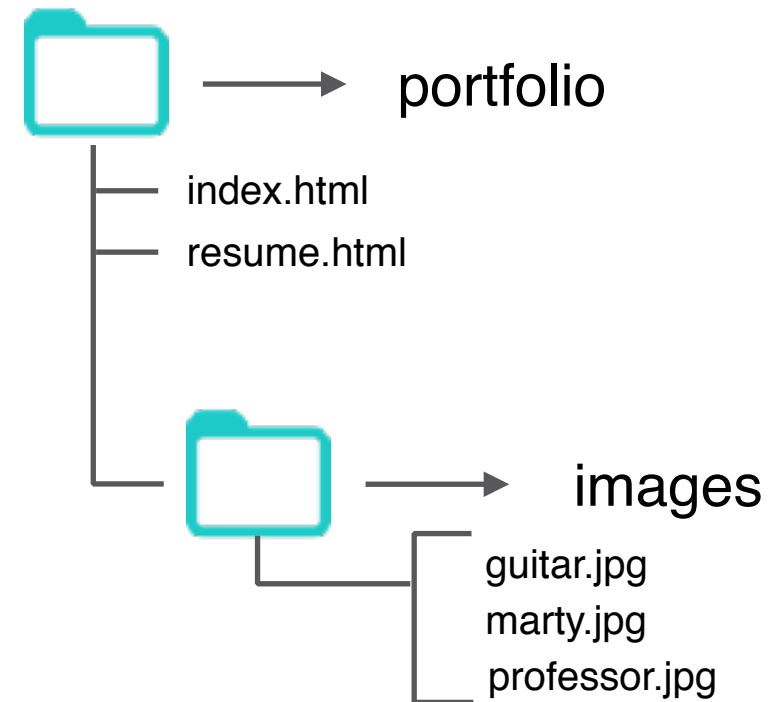
1. Talk through it with your groups.
2. Was there anything you had trouble accomplishing?
3. Show your group how you did it!

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# DIRECTORY STRUCTURE

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- On larger sites, it's best practice to organize code by placing the files for each major section of the site into a new folder
- These folders are often referred to as directories.



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# HOW DO I WRITE HTML?

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OPENING TAG

CLOSING TAG

<tagName>content</tagName>

ELEMENT

# ATTRIBUTES

---

`<a href="http://www.amazon.com/">Amazon</a>`

**ATTRIBUTE**

**ATTRIBUTE  
VALUE**



---

# HTML STRUCTURE

---

```
<!DOCTYPE html>
```

```
<html>
```

```
<head>
```

```
<meta charset="UTF-8">
```

```
<title>Document</title>
```

```
</head>
```

```
<body>
```

```
</body>
```

```
</html>
```

# CSS BASICS

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**CSS**

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# ADDING A CSS FILE

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## ADDING A CSS FILE — THE LINK ELEMENT

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**<link> — TELLS BROWSER WHERE TO FIND THE STYLES**

The diagram illustrates the structure of the `<link>` element. A red line connects the title to a yellow box containing the code `<link rel="stylesheet" href="css/style.css">`. From this box, two lines branch out: a teal line pointing to the explanation of the `rel` attribute, and a dark red line pointing to the explanation of the `href` attribute.

```
<link rel="stylesheet" href="css/style.css">
```

RELATIONSHIP  
BETWEEN THE  
HTML PAGE AND  
THE FILE IT IS  
LINKED TO

PATH TO THE CSS

---

# ATOM SHORTCUTS

---

link + tab then put the path to the CSS file for the href

link + tab      <link rel="stylesheet" href="">

---

# ADDING A CSS FILE

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**MUST GO IN  
THE <HEAD>  
OF THE  
DOCUMENT!!!**

```
<head>  
  <meta charset="UTF-8">  
  <title>My Website</title>  
  <link rel="stylesheet" href="css/style.css">  
</head>
```

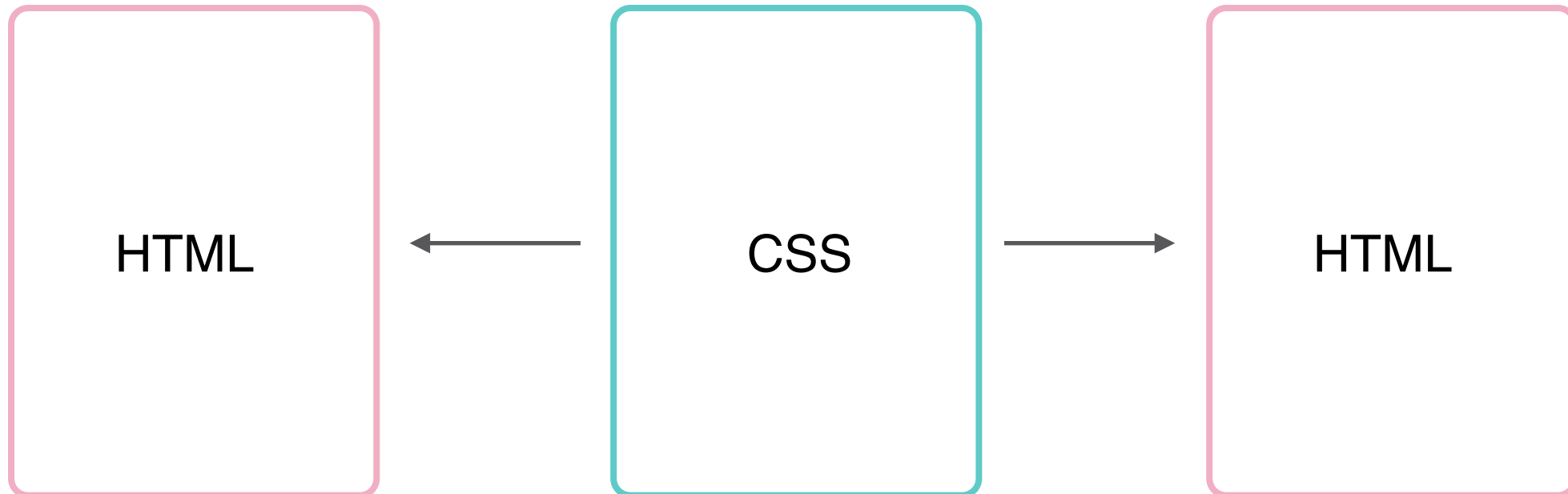
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# INTERNAL VS. EXTERNAL CSS

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## BENEFITS OF USING AN EXTERNAL STYLESHEET:

- Multiple pages can use same stylesheet (Don't repeat yourself!)
- Only have to make changes in one file
- Keep content separate from presentation



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# HOW DO I WRITE CSS?

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SELECTOR

└

h1 {

color: yellow;

font-size: 16px;

}

PROPERTY

VALUE



---

# PSEUDO CLASSES

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```
/* unvisited link */  
a:link {  
    color: #FF0000;  
}
```

```
/* visited link */  
a:visited {  
    color: #00FF00;  
}
```

```
/* mouse over link */  
a:hover {  
    color: #FF00FF;  
}
```

```
/* selected link */  
a:active {  
    color: #0000FF;  
}
```

---

**ADVANCED CSS**

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# CLASSES AND IDS

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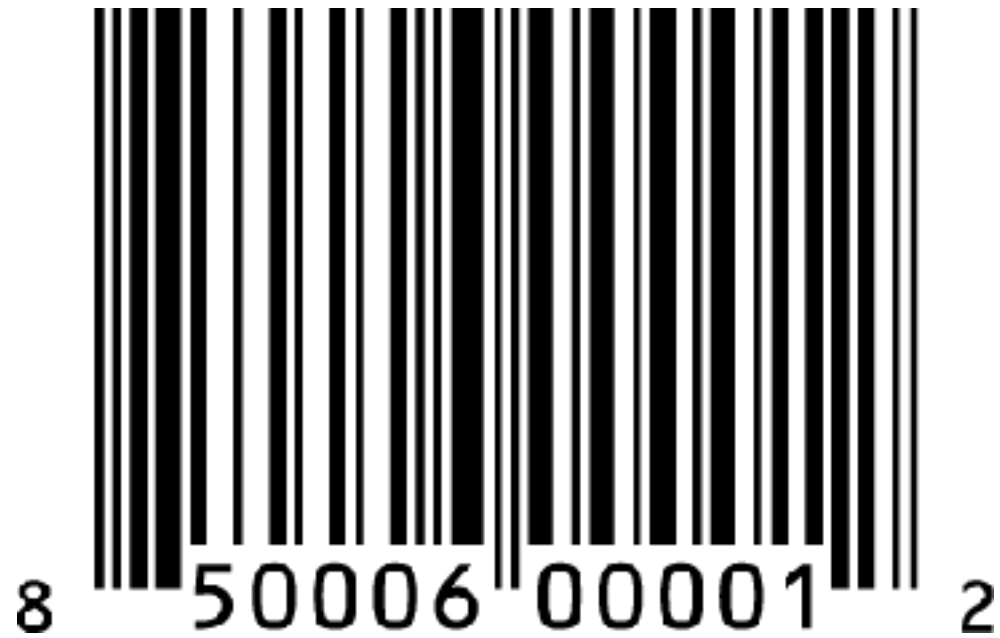
# TARGETING SPECIFIC ELEMENTS

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- Classes & IDs allow us to add 'labels' to elements so we can target them in our CSS.

# TARGETING SPECIFIC ELEMENTS



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# CLASSES AND IDS

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## CLASSES

- Classes are used to group elements together

```
<h1 class="alert">Content</h1>  
<h1 class="alert">Content</h1>
```

```
.alert {  
  color: red;  
  font-size: 20px;  
}
```



---

# CLASSES AND IDS

---

## IDS

- Ids are used to target one specific element
- Each element can only have one id
- Important: two elements on the same page cannot have the same id

```
<nav id="main-nav">Content</nav>
```

```
#main-nav {  
  text-align: center;  
}
```

DCS-942L



S/N: ABCD123456789



H/W Ver.:A1

F/W Ver.:1.01

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# ACTIVITY: LINK TO YOUR CSS FILE

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## EXERCISE

### DIRECTIONS

1. Add a link to the stylesheet in the head of your index.html file. It should look like this:  
`<link rel="stylesheet" href="css/style.css">`
2. Save your index.html file.
3. Create a style.css file, add at least 3 style rules for practice.

---

## CSS BASICS

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# LEARNING OBJECTIVES

- Add an external stylesheet to an HTML web page.
- Learn CSS syntax rules.
- Add specificity to tags using ids and classes.



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**CSS BASICS**

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# HOMEWORK

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**CSS BASICS**

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# EXIT TICKETS