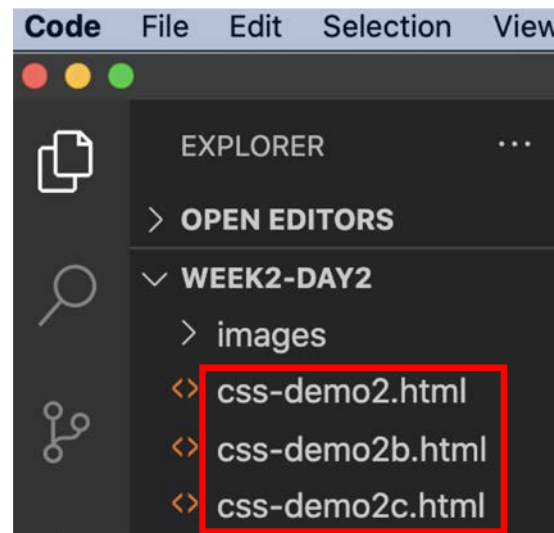


In-Class Exercise/Demo



In-Class Exercise / Demo

- Locate the demo exercise folder *week2-day1*. Make a copy of this folder and name it *week2-day2*.
- Launch VS Code and open this folder within.
- First let's rename the files to:





In-Class Exercise / Demo

- To start our demo today, we will transfer the CSS codes from embed/internal to external, which is the preferred method with developers.
- Launch VS Code and open **css-demo2.html**.
- Highlight and copy all the CSS codes within the `<style>...</style>` element (excluding the `<style>` and `</style>` tag).
- Add a new file and name it as **demo.css**.
- Paste the codes.

The screenshot shows the Visual Studio Code interface. The Explorer sidebar on the left shows a project named 'WEEK2-DAY2' with subfolders 'images' and 'css-demo2.html'. The 'css-demo2.html' file is open in the editor, showing CSS code within a `<style>` tag. The code includes a `header` rule with background and padding properties, and a `li` rule with list-style-type, display, and padding properties. A new file named 'demo.css' is being created in the same directory, and the CSS code is being pasted into it.

```
Code File Edit Selection View Go Run Terminal Window Help
demo.css — week2-day2
EXPLORER
> OPEN EDITORS
WEEK2-DAY2
  > images
  <> css-demo2.html
  <> css-demo2b.html
  <> css-demo2c.html
  # demo.css
css-demo2.html
# demo.css > li
1 header {
2   background: url(images/cent
3   background-size: 1500px;
4   /*background-position: 0 -2
5   /*background-repeat: no-rep
6   height: 400px; /* give head
7   padding-top: 100px;
8   padding-left: 100px;
9   font-weight: bold;
10  font-family: Arial, Helvet
11 }
12 li {
13   list-style-type: none;
14   display: inline;
15   padding: 0 20px;
16 }
```



In-Class Exercise / Demo

- Return to [css-demo2.html](#) and remove the `<style> ... </style>` tag which is no longer required.
- In it's place, we will create a `<link>` element to link the external CSS file to this HTML file. This is necessary in order for CSS to style the page.

```
<head>  
<title>My First Web Page</title>  
  
<link rel="stylesheet" href="demo.css">  
  
</head>
```

- Preview the page on the browser to make sure things remain unchanged.



In-Class Exercise / Demo

- Very quickly, let's change the HTML files in the navigation menu to reflect the new file names:

```
<nav>
  <ul>
    <li><a href="css-demo2.html">Home</a></li>
    <li><a href="css-demo2b.html">About</a></li>
    <li>Gallery</li>
    <li><a href="css-demo2c.html">Contact</a></li>
  </ul>
</nav>
```

- Do the same in [css-demo2b.html](#) and [css-demo2c.html](#).
- Preview any of these pages and test to make sure you can navigate between them.



In-Class Exercise / Demo

- At this time, only [css-demo2.html](#) is styled. Since the other two pages share very similar structure (*header*, *navigation* and *footer*) with [css-demo2.html](#), it only makes sense to use the same stylesheet on those pages as well. That's the beauty of using the external stylesheet method. Doing so saves time, duplication of codes and faster code updates down the road.
- So let's go ahead and link the [demo.css](#) file to the other HTML pages:

```
<head>  
<title>My Second Web Page</title>  
  
<link rel="stylesheet" href="demo.css">  
  
</head>
```

```
<head>  
<title>My Third Web Page</title>  
  
<link rel="stylesheet" href="demo.css">  
  
</head>
```

- Preview and test the pages on the browser. All three pages are now styled!



In-Class Exercise / Demo

- While you preview the other two pages, you may have noticed that the main areas are somewhat messy.
- To clean things up a little, the first thing we need to do is remove the floating image that we initially coded in. Go ahead and remove the `<img...>` element on both pages ([css-demo2b.html](#) and [css-demo2c.html](#)).
- Example:

```
<main>
  <h1>My Second Heading</h1>
  <p>My Second paragraph.</p>
  
```

remove this

- Preview the pages again to view the changes.



In-Class Exercise / Demo

- To further clean things up, let's head to [demo.css](#).
- Find the `main` selector:

```
main {  
  height: 400px; /* give some height to get a  
}
```

- This fixed height was initially put in because there wasn't much content in the main area so that you can see what the page could look like.
- Now that these two pages contain a table and a form respectively in the main area, we are better off without a fixed height. So we will revert back to the default where the height of the box is left to behave organically ie. let it stretch accordingly to the amount of content in it.
- Remove the height and value along with the comment.

```
main {  
  
}
```




In-Class Exercise / Demo

- With that CSS code removed, this is what css-demo2b.html looks like now when preview on the browser:



My Second Heading

My Second paragraph.

Calories Comparison of Popular Burgers

Type	Big Mac	Whopper	Dave's Double	Whataburger
Calories	563	677	870	590
Fat	30gm	40gm	51gm	25gm
Vendor	MacD	Burger King	Wendys	Whataburger

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In-Class Exercise / Demo

- And this is what [css-demo2c.html](#) looks like now when preview on the browser:

Home About Gallery Contact

My Third Heading

My Third paragraph.

User personal information

Enter your full name

Enter your email

Enter your phone

Select your gender

☐ Male ☐ Female

How should we contact you?

Email

Tell us the reason of your visit today:

sign-up

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In-Class Exercise / Demo

- Let's make some more refinements to the two pages.
- For [css-demo2b.html](#):
 - We will add spacing around the table to move it away from the window edges ([margin](#)).
 - Remove the current HTML formatting `border="1"` and replace with CSS [border](#).
 - Expand the size ([width](#), [height](#)) of the table and cells to make a better presentation.
 - Adjust alignment ([?-align](#), [padding](#)) of the data within the cells, including the headings and caption.
 - Style the caption text ([font weight](#), [text-transform](#)).



In-Class Exercise / Demo

- On demo.css, add the following codes:
 - Add spacing around the table to move it away from the window edges ([margin](#)):

```
main {  
  margin: 50px;  
}  
  
main h1 {  
  color: rgb(129, 141, 179);  
  font-family: arial;  
}  
  
table {  
  margin-top: 35px;  
}
```



My Second Heading

My Second paragraph.

Calories Comparison of Popular Burgers

Type	Big Mac	Whopper	Dave's Double	Whataburger
Calories	563	677	870	590
Fat	30gm	40gm	51gm	25gm
Vendor	MacD	Burger King	Wendys	Whataburger

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Note: this will also add same spacing to [css-demo2c.html](#) main area because [demo.css](#) is linked to that page.



In-Class Exercise / Demo

- Remove the current HTML formatting `border="1"` and replace with CSS `border`:

On `css-demo2b.html`:

remove this

```
<table border="1">  
  <caption>Calories  
  <thead>
```

Calories Comparison of Popular Burgers

Type	Big Mac	Whopper	Dave's Double	Whataburger
Calories	563	677	870	590
Fat	30gm	40gm	51gm	25gm
Vendor	MacD	Burger King	Wendys	Whataburger

On `demo.css`:

```
table {  
  margin-top: 35px;  
}  
table, caption, th, td {  
  border: 1px solid #000;  
}
```

Calories Comparison of Popular Burgers				
Type	Big Mac	Whopper	Dave's Double	Whataburger
Calories	563	677	870	590
Fat	30gm	40gm	51gm	25gm
Vendor	MacD	Burger King	Wendys	Whataburger



In-Class Exercise / Demo

- Expand the size ([width](#), [height](#)) of the table and cells to make a better presentation:
- Adjust alignment ([text-align](#)) of the data within the cells, including the headings:

```
table, caption, th, td {  
  border: 1px solid #000;  
}  
th, td {  
  width: 150px;  
  height: 35px;  
  text-align: center;  
}
```



Type	Big Mac	Whopper	Dave's Double	Whataburger
Calories	563	677	870	590
Fat	30gm	40gm	51gm	25gm
Vendor	MacD	Burger King	Wendys	Whataburger



In-Class Exercise / Demo

- Adjust alignment ([padding](#)), style the caption text ([font weight](#), [text-transform](#)) and add some [height](#) to the caption box:

```
th, td {  
  width: 150px;  
  height: 35px;  
  text-align: center;  
}  
  
caption {  
  text-transform: uppercase;  
  font-weight: 600;  
  height: 40px;  
  padding-top: 15px;  
  color: #753a30;  
}
```



CALORIES COMPARISON OF POPULAR BURGERS				
Type	Big Mac	Whopper	Dave's Double	Whataburger
Calories	563	677	870	590
Fat	30gm	40gm	51gm	25gm
Vendor	MacD	Burger King	Wendys	Whataburger



In-Class Exercise / Demo

- For [css-demo2c.html](#):
 - Remove all the line breaks `
` within the form and, add a [label](#) to the text instruction for the textarea box.
 - Re-display each label and textbox group in its own line using CSS [display](#) and also add spacing ([margin](#)) between each group.
 - Extend [width](#) of textboxes.
 - Adjust [width](#) of radio buttons.
 - Extend [width](#) of comment box.
 - Style submit button – re-display on its line ([display](#)), add vertical spacing ([margin](#)) and adjust [width](#).



In-Class Exercise / Demo

- For [css-demo2c.html](#):
 - First, remove all the line breaks `
` within the form and, add a `label` to the text instruction for the textarea box:

```
<form action="/signup" method="post">
  <fieldset>
    <legend>User personal information</legend>
    <label>Enter your full name</label>
    <input type="text" name="name">
    <label>Enter your email</label>
    <input type="email" name="email">
    <label>Enter your phone</label>
    <input type="text" name="phone">
    <label>Select your gender</label>
    <input type="radio" name="gender" value="male"/>Male
    <input type="radio" name="gender" value="female"/>Female
    <label>How should we contact you?</label>
    <select>
      <option>Email</option>
      <option>Phone</option>
    </select>
    <label>Tell us the reason of your visit today:</label>
    <textarea rows="5" cols="30"></textarea>
    <input type="submit" value="sign-up">
  </fieldset>
</form>
```

after removing all `
`



In-Class Exercise / Demo

- Re-display each label and textbox group in its own line using CSS `display` and also add spacing (`margin`) between each group.

```
caption {  
  text-transform: uppercase;  
  font-weight: 600;  
  height: 40px;  
  padding-top: 15px;  
  color: #753a30;  
}  
  
label {  
  display: block;  
  margin: 15px 0 0 0;  
}
```



User personal information

Enter your full name

Enter your email

Enter your phone

Select your gender
☐ Male ☐ Female

How should we contact you?

Tell us the reason of your visit today:



In-Class Exercise / Demo

- Extend **width** of textboxes:

```
label {  
  display: block;  
  margin: 15px 0 0 0;  
}  
  
input {  
  width: 300px;  
}
```



User personal information

Enter your full name

Enter your email

Enter your phone

Select your gender
☐ Male ☐ Female

How should we contact you?

Tell us the reason of your visit today:



In-Class Exercise / Demo

- Adjust **width** of radio buttons and extend **width** of comment box:

```
input {  
  width: 300px;  
}  
input[type="radio"] {  
  width: 25px;  
}  
textarea {  
  width: 300px;  
}
```



User personal information

Enter your full name

Enter your email

Enter your phone

Select your gender
☐ Male ☐ Female

How should we contact you?

Tell us the reason of your visit today:



In-Class Exercise / Demo

- Style submit button – re-display on its line (**display**), add vertical spacing (**margin**) and adjust **width**:

```
textarea {  
  width: 300px;  
}  
  
input[type="submit"] {  
  display: block;  
  margin: 20px 0 10px 0;  
  width: 100px;  
}
```



User personal information

Enter your full name

Enter your email

Enter your phone

Select your gender
☐ Male ☐ Female

How should we contact you?

Tell us the reason of your visit today:



In-Class Exercise/Demo

- Due:
 - Due at end of this class session.
- Submission
 - Submit **week2-day2.zip** in the exercise dropbox in GAP.