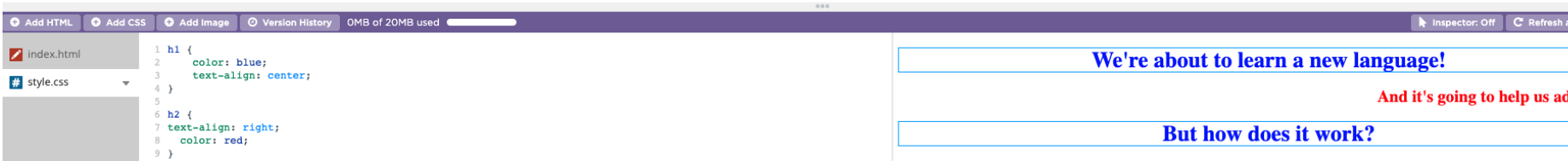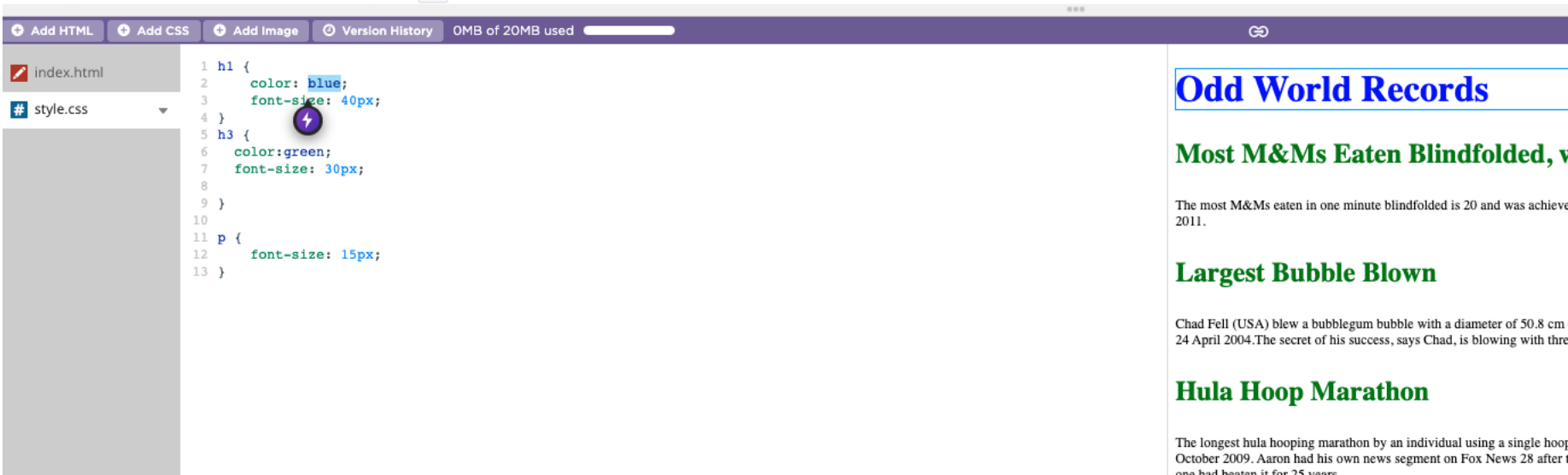|	
1	Explore the Sample Website
2	**Adding Style** This Web Lab project is using a new language to add style to the page. With a partner explore both the `index.html` and `style.css` files. Be ready to discuss the following questions. • What changes is this new language making to the page? • How is this language different from HTML? • How are the `index.html` and `style.css` files connected?
3	Watch the Video: It is very Helpful
4	**Do this** • Find the code in the style sheet (click on "style.css" in the files list) that is making the h1 heading red. • Change the code for the color of the h1 heading from `red` to a different color.

5	**Do this**
	
	- Find the CSS rule-set in the style sheet that determines the styles for the `h1` tag.
	- Using the same pattern, write a new CSS rule-set that will determine the style for the `h3` tag.
	- Add code to set a different color for the `h3` tags.
	
	![Screenshot of CSS editor]
	
	Add HTML Add CSS Add Image Version History 0MB of 20MB used
	
	index.html
	style.css
	
	``
	1 h1 {
	2 color: blue;
	3 font-size: 40px;
	4 }
	5 h3 {
	6 color:green;
	7 font-size: 30px;
	8
	9 }
	10
	11 p {
	12 font-size: 15px;
	13 }
	``
	
	Odd World Record
	
	Most M&Ms Eaten Blin
	
	The most M&Ms eaten in one minute blindfolded is 2011.
	
	Largest Bubble Blown

6	**Do This**
	
	- Find the CSS rule-set in the style sheet that determines the style for the paragraph tag.
	- Change the text size of the paragraphs and the headings.
	
	Add HTML Add CSS Add Image Version History 0MB of 20MB used
	
	index.html
	style.css
	
	``
	1 h1 {
	2 color: blue;
	3 font-size: 40px;
	4 }
	5 h3 {
	6 color:green;
	7 font-size: 30px;
	8
	9 }
	10
	11 p {
	12 font-size: 15px;
	13 }
	``
	
	Odd World Records
	
	Most M&Ms Eaten Blindfold
	
	The most M&Ms eaten in one minute blindfolded is 20 and wa 2011.
	
	Largest Bubble Blown
	
	Chad Fell (USA) blew a bubblegum bubble with a diameter of 24 April 2004.The secret of his success, says Chad, is blowing
	
	Hula Hoop Marathon

7	Watch the Video: It is very Helpful

| 8 | **Do This** ▶ How do I link a style sheet to a web page?

- Inside the HTML page, add the code that will link the style sheet to the web page: `<link rel="stylesheet" href="style.css">`

```html
1 ▼ <html>
2 ▼   <head>
3   <link rel="stylesheet" href="style.css">
4   </head>
5 ▼   <body>
6   <p>My Webpage</p>
7   </body>
8   </html>
```

- Verify that the website updates to include new colors and fonts from the `style.css` file

⊕ Add HTML   ⊕ Add CSS   ⊕ Add Image   ⏱ Version History   0MB of 20MB used

📝 index.html
style.css

```html
1 <!DOCTYPE html>
2 <html>
3 <head>
4   <link rel="stylesheet" href="style.css">
5 </head>
```
Odd World Records |

9	**a:** 	What I expected to happen	What happened instead

Paragraph font size to be 24px	Paragraph font is the default size |
	
	Do this
	- Find and fix the problem that is causing the bug.
	
	⊕ Add HTML ⊕ Add CSS ⊕ Add Image ⏱ Version Hist
	📝 index.html
	# style.css
	``css
	1 p {
	2 color: black;
	3 font-size: 24px;
	4 }
	5 h1 {
	6 font-weight: bold;
	7 }
	``
		b:
		| What I expected to happen
			What happened instead

Paragraph color is gray	Paragraph color is black |
	
	Do this
	- Find and fix the problem that is causing the bug.
	
	⊕ Add HTML ⊕ Add CSS ⊕ Add Image ⏱ Version Hist
	📝 index.html
	# style.css
	``css
	1 body {
	2 background: white;
	3 }
	4 h1 {
	5 font-weight: bold;
	6 color: purple;
	7 }
	8 p {
	9 color: gray;
	10 }
	``
		c:
		| What I expected to happen
			What happened instead

Heading color is green	Heading color is black	
		
		Do this
		- Find and fix the problem that is causing the bug
		
		⊕ Add HTML ⊕ Add CSS ⊕ Add Image ⏱ Version
		📝 index.html
		# style.css
		``css
		1 p {
		2 color: black;
		3 }
		4 h1 {
		5 font-weight: bold;
		6 color: limegreen;
		7 }
		``

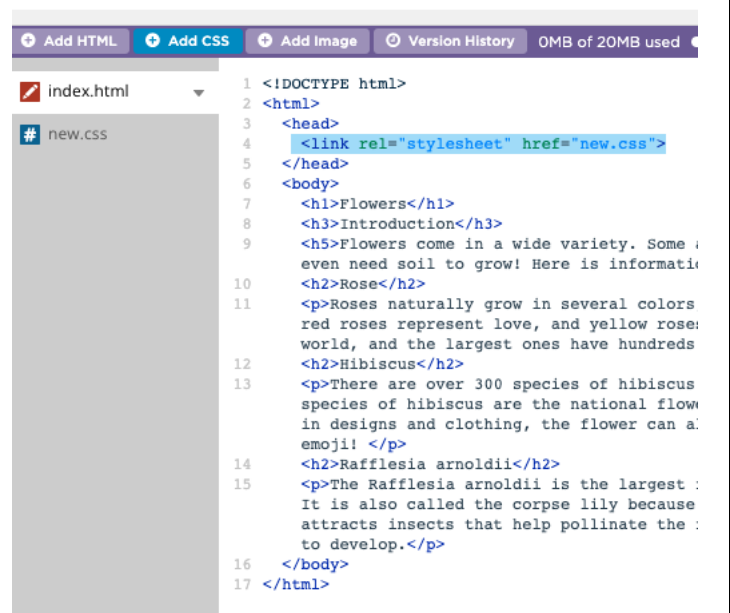| | **d:**
| What I expected to happen | What happened instead |
Heading 1 color is blue	Heading 1 color is black
Heading 2 color is green	Heading 2 color is black

Paragraph font is 12px	Paragraph font is default size |
	
	Do this
	- Find and fix the problem that is causing the bug
	
	⊕ Add HTML ⊕ Add CSS ⊕ Add Image ⏱ Version History 0MB of 20MB used
	📝 index.html
	# style.css
	``html
	1 <!DOCTYPE html>
	2 <html>
	3 <head>
	4 <link rel="stylesheet" href="style.css">
	5 </head>
	6 <body>
	``
		e:
		Do this
		- Add a rule-set for the heading.
		
		⊕ Add HTML ⊕ Add CSS ⊕ Add Image ⏱ Version His
		📝 index.html
		# style.css
		``css
		1 body {
		2 background: white;
		3 }
		4 h1{
		5 font-size:50px;
		6 color:yellow;
		7
		8 }
		``
			f:
			Do this
			- Add a rule-set for the paragraph.
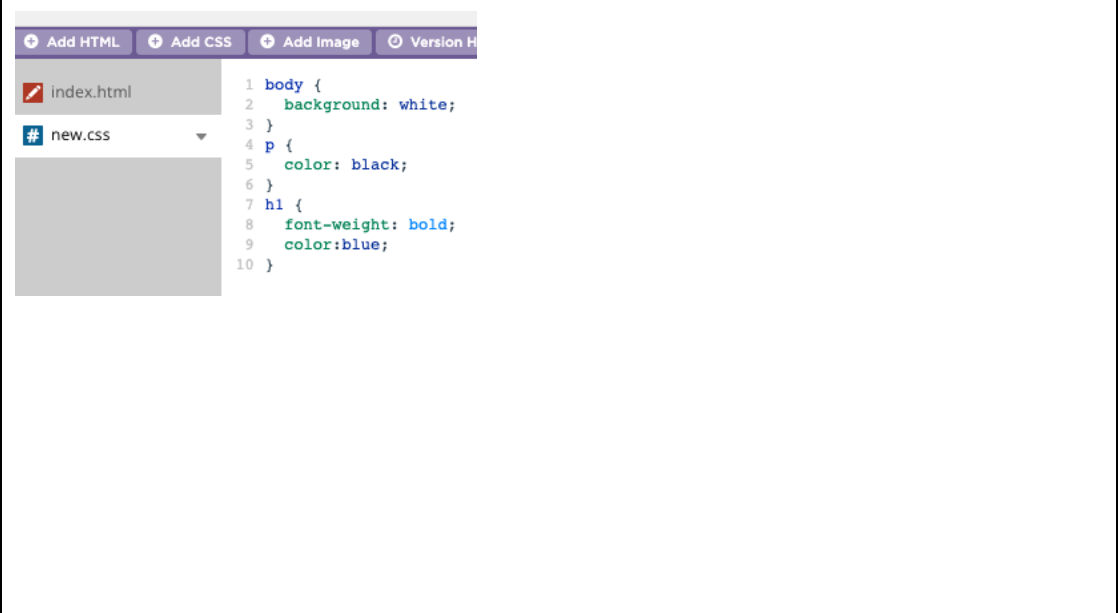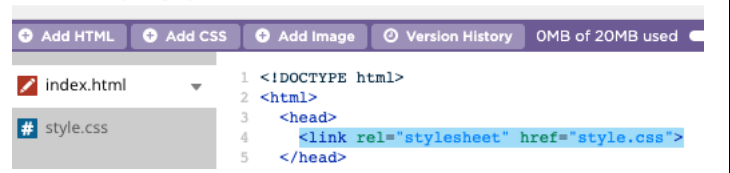			
			⊕ Add HTML ⊕ Add CSS ⊕ Add Image ⏱ Version History
			📝 index.html
			# style.css
			``css
			1 body {
			2 background: white;
			3 }
			4 p {
			5 color:gray;
			6 font-size: 15px;
			7 }
			``

| | **g: Part 1** | **g: Part 2** |

| | **Do this**<br><br>• Add a style sheet and rule-sets.<br><br>⊕ Add HTML ⊕ Add CSS ⊕ Add Image ⊘ Version History  0MB of 20MB used<br><br>📝 index.html ▾<br># new.css<br><br>```
1  <!DOCTYPE html>
2  <html>
3    <head>
4      <link rel="stylesheet" href="new.css">
5    </head>
6    <body>
7      <h1>Flowers</h1>
8      <h3>Introduction</h3>
9      <h5>Flowers come in a wide variety. Some
         even need soil to grow! Here is informatio
10     <h2>Rose</h2>
11     <p>Roses naturally grow in several colors
         red roses represent love, and yellow rose:
         world, and the largest ones have hundreds
12     <h2>Hibiscus</h2>
13     <p>There are over 300 species of hibiscus
         species of hibiscus are the national flow
         in designs and clothing, the flower can a:
         emoji! </p>
14     <h2>Rafflesia arnoldii</h2>
15     <p>The Rafflesia arnoldii is the largest :
         It is also called the corpse lily because
         attracts insects that help pollinate the :
         to develop.</p>
16    </body>
17  </html>
``` | **Do this**<br><br>• Add a style sheet and rule-sets.<br><br>⊕ Add HTML ⊕ Add CSS ⊕ Add Image ⊘ Version H<br><br>📝 index.html<br># new.css ▾<br><br>```
1  body {
2    background: white;
3  }
4  p {
5    color: black;
6  }
7  h1 {
8    font-weight: bold;
9    color:blue;
10 }
``` | |
| 10 | **Part 1**<br>**Do this**<br><br>• Link the stylesheet to the web page.<br>• Make the paragraph text a different size.<br>• Make the paragraph text a different color.<br><br>⊕ Add HTML ⊕ Add CSS ⊕ Add Image ⊘ Version History  0MB of 20MB used<br><br>📝 index.html ▾<br># style.css<br><br>```
1  <!DOCTYPE html>
2  <html>
3    <head>
4      <link rel="stylesheet" href="style.css">
5    </head>
``` | **Part 2**<br>**Do this**<br><br>• Link the stylesheet to the web page.<br>• Make the paragraph text a different size.<br>• Make the paragraph text a different color.<br><br>⊕ Add HTML ⊕ Add CSS ⊕ Add Image ⊘ Version His<br><br>📝 index.html<br># style.css ▾<br><br>```
1  p {
2    font-size: 15px;
3    color:blue;
4
5  }
``` | |
| 11 | a: | b: | c: |

Changing the Font

- Find the CSS rule-set in the style sheet that determines
- Change the font family and choose which one you like t
  - Choose from "serif", "sans-serif", "cursive", "fantasy",
- Add a font family rule for the h1 or h3 tags.

Add HTML   Add CSS   Add Image   Version History

index.html

style.css

```css
1  h1 {
2      color: red;
3      font-size: 24px;
4      font-family: monospace;
5  }
6
7  p {
8      font-size: 14px;
9      font-family: cursive;
10 }
```

Underlining

- Find the code in the style sheet that makes the h4 tag double
- Change the text decoration to something else.
  - Choose from "underline", "overline", and "line-through".
- Add a text decoration rule for the paragraph, h1, h2 or h3 tag.

Add HTML   Add CSS   Add Image   Version History   OMB

index.html

style.css

```css
1  h1 {
2      color: green;
3      font-size: 24px;
4      text-decoration: overline unde
5  }
6  h4 {
7      color: red;
8      text-decoration: underline dou
9  }
10 p {
11     font-size: 14px;
12 }
```

Text Alignment

The `text-align` property sets the horizontal (side to si

- Find the CSS code that is making the "From Wikipe
- Change the `h1` tag so that it is aligned to the cente
- Change the alignment of the paragraph tag, too.

Add HTML   Add CSS   Add Image   Version H

index.html

style.css

```css
1  h1 {
2      color: green;
3      font-size: 24px;
4      text-align: center;
5  }
6  h6 {
7      text-align: right;
8  }
9  p {
10     text-align: left;
11     font-size: 14px;
12 }
```

d:

Letter Spacing

The `letter-spacing` property sets the space between each letter between text elements.

- Find the CSS code that is making the letters in "Orchids!" in the `h1` tag be spaced out more than normal.
- Change the `h2` tag so that the letters are spaced out by two pixels.
- Change the letter spacings of the paragraph and `h3` tags as well.

Add HTML   Add CSS   Add Image   Version History   OMB of 20MB used

index.html

style.css

```css
1  h1 {
2      color: lightpink;
3      letter-spacing: 10px;
4      text-align: center;
5  }
6
7  h2 {
8      color:lawngreen;
9      text-align: center;
10     letter-spacing: 2px;
11 }
12
13 h3 {
14     text-align:center;
15     letter-spacing: 6px;
16 }
17
18 p {
19     font-size: 14px;
20     text-align: center;
21 }
```

e:

Text Shadow

The `text-shadow` property sets a shadow for the text elements.

- Find the CSS code that is giving the letters in "Stradivarius Violins" a shadow in the `h1` tag.
- Give the `h2` tag a shadow spaced two pixels to the right and up from the original text.
- Give a text shadow to other tags as well.

Add HTML   Add CSS   Add Image   Version History   OMB of 20MB used

index.html

style.css

```css
1  h1 {
2      color: lightpink;
3      text-align: center;
4      text-shadow: -2px 2px black;
5  }
6
7  h2 {
8      color:palevioletred;
9      text-align: center;
10     text-shadow: -1px 1px yellow;
11 }
12
13 h3 {
14     text-align:center;
15 }
16
17 p {
18     font-size: 14px;
19     text-align: center;
20 }
```