

Practice Style a Web Page Using CSS Properties and CSS Box Model

Practice Exercises

- Practice 1: Tasty Delights
- Practice 2: Engineering Wonders of the United States of America



Points to Remember

- Give meaningful ID and class attribute names to HTML elements.
- Use appropriate CSS selectors to select HTML elements for styling them.
- Use shorthand properties wherever possible which makes CSS code concise.
- Make sure that the CSS code is well-indented.
- Add proper comments wherever required.

PRACTICE

Practice 1: Tasty Delights

Use CSS3 style properties to style the landing page of Tasty Delights restaurant.

The boilerplate contains the intended sample output as an image file.



Tasty Delights – Without CSS



Tasty Delights

The Restaurant

The Tasty Delights offers casual lunch and dinner fare in a hip atmosphere. The menu changes regularly to highlight the freshest ingredients.

Catering

You have fun.. we'll handle the cooking. The Tasty Delights can handle events from snack for bridge club to elegant corporate fundraisers.

Location and Hours

Lowell, Massachusetts;
Monday through Saturday 11am to 9pm,
Friday and Saturday, 11am to midnight

Tasty Delights: Expected Output With CSS



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Location and Hours

Lowell, Massachusetts;
Monday through Saturday 11am to 9pm,
Friday and Saturday, 11am to midnight

Tasks

- This practice is a continuation of Practice 2 – Tasty Delights of Sprint 1.
- The web page created for Tasty Delights needs to be styled using CSS properties.
- The solution for this practice can be developed in 4 steps:
 - **Step 1:** Define styles in **styles.css** file located in **pc1-tasty-delights/css** folder of the boilerplate.

Use the style properties listed below to style the page elements.

Element / Class Name	Style Property	Style Property Value
body	background	#262626
img	width	250px
	height	170px
	padding	10px

Step 1: Defining Styles (cont'd)

Element / Class Name	Style Property	Style Property Value
h1	text-align	center
	font-size	40px
	font-family	serif
	color	whitesmoke
	border-bottom	2px solid whitesmoke
	padding-bottom	10px
h2	color	whitesmoke
	font-family	serif
	padding-left	10px
p	font-family	Fraunces
	color	yellowgreen
	padding-left	10px
.center	text-align	center

Tasks (cont'd)

- **Step 2:** Link the **styles.css** file with **index.html** using `<link>` tag.
- **Step 3:** Link the google font stylesheet with **index.html** using `<link>` tag.

```
<link href="https://fonts.googleapis.com/css2?family=Fraunces" rel="stylesheet">
```

- **Step 4:** Apply the styles defined using class or id selector to the page elements.

An illustration of a woman with dark hair and glasses, wearing a red top, and a man with brown hair and glasses, wearing a yellow top. They are sitting at a light blue desk. The woman is holding a yellow clipboard. In front of them is a large blue computer monitor. On the desk, there is also a white coffee cup with a red lid, a yellow pencil, and a notepad with a red pencil. The background is a light green wall with some abstract shapes and a large green plant on the right side.

PRACTICE

Practice 2: Engineering Wonders of the United States of America

Use CSS3 style properties to style the web page that lists down the two engineering wonders of the United States of America.

In the boilerplate, the sample output is provided as an image file.

Engineering Wonders of The United States of America: Without CSS

Wonders of The United States of America

[Destinations](#) [Interests](#) [Trips](#)

Brooklyn Bridge

The Brooklyn Bridge is a hybrid cable-stayed/suspension bridge in New York City, spanning the East River between the boroughs of Manhattan and Brooklyn. Opened on May 24, 1883, the Brooklyn Bridge was the first fixed crossing of the East River. It was also the longest suspension bridge in the world at the time of its opening, with a main span of 1,595.5 feet (486.3 m) and a deck 127 ft (38.7 m) above mean high water. The span was originally called the New York and Brooklyn Bridge or the East River Bridge but was officially renamed the Brooklyn Bridge in 1915. [Read more...](#)



Photo: Brooklyn Bridge

Hoover Dam

Hoover Dam is a concrete arch-gravity dam in the Black Canyon of the Colorado River, on the border between the U.S. states of Nevada and Arizona. It was constructed between 1931 and 1936 during the Great Depression and was dedicated on September 30, 1935, by President Franklin D. Roosevelt. Its construction was the result of a massive effort involving thousands of workers, and cost over one hundred lives. [Read more...](#)




Photo: Hoover Dam

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Expected Output: Engineering Wonders of The United States of America

DESTINATIONS INTERESTS TRIPS

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Photo Brooklyn Bridge

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Photo Hoover Dam

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Tasks

- This practice is continuation of Practice – Engineering Wonders of The United States of America of Sprint 2.
- The web page created in the practice of sprint 2 needs to be styled using the CSS properties.
- The solution for this practice can be developed in 3 steps:
 - Step 1: Define styles in **style.css** file located in **pc2-wonders-of-usa/css** folder of the boilerplate.
 - Step 2: Link the style.css file with index.html using <link> tag.
 - Step 3: Apply styles defined using class or id selector to the page elements.

Note: Details of step 1 are shown in the upcoming slide.

Step 1: Define Styles

- In step 1, following styles need to be defined in style.css of the web page.
 1. Style the header with navbar
 2. Style the content sections
 3. Style the footer

Note: Details of these tasks are as follows.



Expected Output

1. Style the Header with navbar

- Background color should be midnightblue.
- Text font should be bold.
- Links in menu items should not be underlined.
- Font color of link items should be lightgoldenyellow.
- The Flag image should be sized 40px x 40px and should have rounded corners.
- Margins and paddings should be defined to match the page output.

2. Style the Content Sections

Each section of the Engineering Wonders of the United States of America should have the following:

- Heading with bold font, dark gray color, and font family with options like Segoe UI, Tahoma, Geneva, Verdana, and sans-serif.
- Paragraph with font-family options like Gill Sans, Gill Sans MT, Calibri, Trebuchet MS, sans-serif and font size 1.2em
- Image with width 500px and height 400px with rounded border and image caption with font size 15px and left margin 150px
- Margins and paddings should be defined to match the page output

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Photo: Brooklyn Bridge

Expected Output

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Expected Output

3. Style the Footer

- Links in the footer should not be underlined.
- Social media icons should be of size 20px x 20px.
- Footer link text should be of font-family Open Sans or generic font family sans-serif with font-size 14px.
- Copyright text should be of font-family Open Sans or generic font family sans-serif with font-size .9em and color #171717.
- Margins and paddings should be defined to match the page output.

**Let's look at the naming conventions
followed for the class names**

BEM Syntax

The Block, Element, Modifier methodology (commonly referred to as **BEM**) is a popular naming convention for classes in HTML and CSS.

Check this [link](#) for better understanding.

```
/* Block component */  
.btn {}  
  
/* Element that depends upon the block */  
.btn__price {}  
  
/* Modifier that changes the style of the  
block */  
.btn--orange {}  
.btn--big {}
```