

HTML & CSS - Exercises

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1. Headers

Create a Web Page like the following and use six different HTML headings:



Heading

Heading

Heading

Heading

Heading

Heading

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Create a file named headers.html. Set the HTML title to be the same as the task name.

2. Paragraphs

Create a Web Page like the following, using `<p>`:

Paragraphs

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Create a file named paragraphs.html. Use some text you find in web or generate lorem ipsum text: <https://www.lipsum.com/>

Set the HTML title to be the same as the task name.

3. Order and Unordered Lists

Create a Web Page like the following:

Lists

Ordered

1. One
2. Two
3. Three
4. Four

Unordered

- Five
- Six
- Seven
- Eight

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Use ``, ``, and ``. You need to use lists nested into the list items from the upper level.

Create a file named `nested-lists.html`. Set the HTML title to be the same as the task name.

4. Links

Create a Web Page with various links, using `<a>` tags.

Create a file named `links.html`. Include internal, external, and anchor links. Set the HTML title to be the same as the task name.

5. Images

Create a Web Page that includes several images using `` tags.

Create a file named `images.html`. Download some images from web and put them inside the `images.html` directory. Set the HTML title to be the same as the task name.

6. Table

Create a Web Page that displays a table using `<table>`, `<tr>`, `<td>`, and `<th>` tags.



Table

Student Points Grade

Peter	100	6.00
George	50	3.00
Maria	75	4.50

Create a file named table.html. Include a caption for the table. Set the HTML title to be the same as the task name.

7. Forms

Create a Web Page with a form that includes text inputs, checkboxes, and a submit button using `<form>`, `<input>`, and `<button>` tags.

Create a file named forms.html. Ensure all form elements are appropriately labeled. Set the HTML title to be the same as the task name.

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8. Text Formatting

Create a Web Page that demonstrates text formatting using ``, `<i>`, `<u>`, ``, and `` tags.

Create a file named text-formatting.html. Use the text from Paragraphs task.

9. Inline Elements

Create a Web Page that uses inline elements such as ``, `<a>`, and ``.

Paragraphs

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Create a file named inline-elements.html. Ensure proper use of inline elements within paragraphs.

10. Block Elements

Create a Web Page that uses block elements such as <div>, <p>, and <h1>:

Create a file named block-elements.html. Ensure proper use of block elements within the layout.

11. CSS Basics: Inline Styles

Create a Web Page and apply inline CSS styles to various elements.

Paragraphs

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Create a file named inline-styles.html. Style elements directly within their tags.

12. CSS Basics: Internal Styles

Create a Web Page and apply internal CSS styles within a <style> tag in the head section.

Create a file named internal-styles.html. Redesign the previous task to use internal stylesheet rather than inline.

13. CSS Basics: External Styles

Create a Web Page and link to an external CSS file to apply styles.

Create a file named external-styles.html. Create an external CSS file named styles.css. Set the HTML title to be the same as the task name. Redesign the previous task.

14. CSS Selectors: Class Selector

Create a Web Page and apply styles using class selectors.

Create a file named class-selector.html. Use the class attribute to style elements with an external CSS file.

15. CSS Selectors: ID Selector

Create a Web Page and apply styles using ID selectors.

Create a file named id-selector.html. Use the id attribute to style elements with an external CSS file.

16. CSS Selectors: Universal Selector

Create a Web Page and apply styles using the universal selector.

Create a file named universal-selector.html. Apply styles to all elements on the page using an external CSS file.

17. CSS Selectors: Grouping Selector

Create a Web Page and apply styles using grouping selectors.

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Create a file named grouping-selector.html. Apply the same style to multiple elements using an external CSS file.

18. CSS Typography: Font Family

Create a Web Page and demonstrate the use of different font families with CSS.

Create a file named font-family.html. Apply various font families to text using an external CSS file.

19. CSS Typography: Font Size

Create a Web Page and demonstrate the use of different font sizes with CSS.

Create a file named font-size.html. Apply various font sizes to text using an external CSS file.

20. CSS Typography: Font Style and Weight

Create a Web Page and demonstrate the use of font style and weight with CSS.

Create a file named font-style-weight.html. Apply different font styles and weights to text using an external CSS file.

21. CSS Typography: Text Alignment

Create a Web Page and demonstrate the use of text alignment with CSS.

Create a file named text-alignment.html. Apply different text alignments to paragraphs using an external CSS file.

22. CSS Typography: Line Height

Create a Web Page and demonstrate the use of line height with CSS.

Create a file named line-height.html. Adjust the line height of paragraphs using an external CSS file.

23. CSS Colors: Background Color

Create a Web Page and demonstrate the use of background color with CSS.

Create a file named background-color.html. Apply different background colors to elements using an external CSS file.

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24. CSS Colors: Text Color

Create a Web Page and demonstrate the use of text color with CSS.

Create a file named text-color.html. Apply different text colors to elements using an external CSS file.

25. CSS Colors: Border Color

Create a Web Page and demonstrate the use of border color with CSS.

Create a file named border-color.html. Apply different border colors to elements using an external CSS file.

26. CSS Background: Background Image

Create a Web Page and demonstrate the use of background images with CSS.

Create a file named background-image.html. Apply background images to elements using an external CSS file.

27. CSS Background: Background Size



Create a Web Page and demonstrate the use of the background-size property with CSS.
Create a file named background-size.html.

28. CSS Pseudo-classes: Hover

Create a Web Page and demonstrate the use of the hover pseudo-class with CSS,
Create a file named hover.html. Apply hover effects to links and buttons using an external CSS file. Set the HTML title to be the same as the task name.

29. CSS Pseudo-elements: First-line

Create a Web Page and demonstrate the use of the ::first-line pseudo-element with CSS. e:office@
Create a file named first-line.html. Style the first line of paragraphs using an external CSS m:+359
file. Set the HTML title to be the same as the task name.