

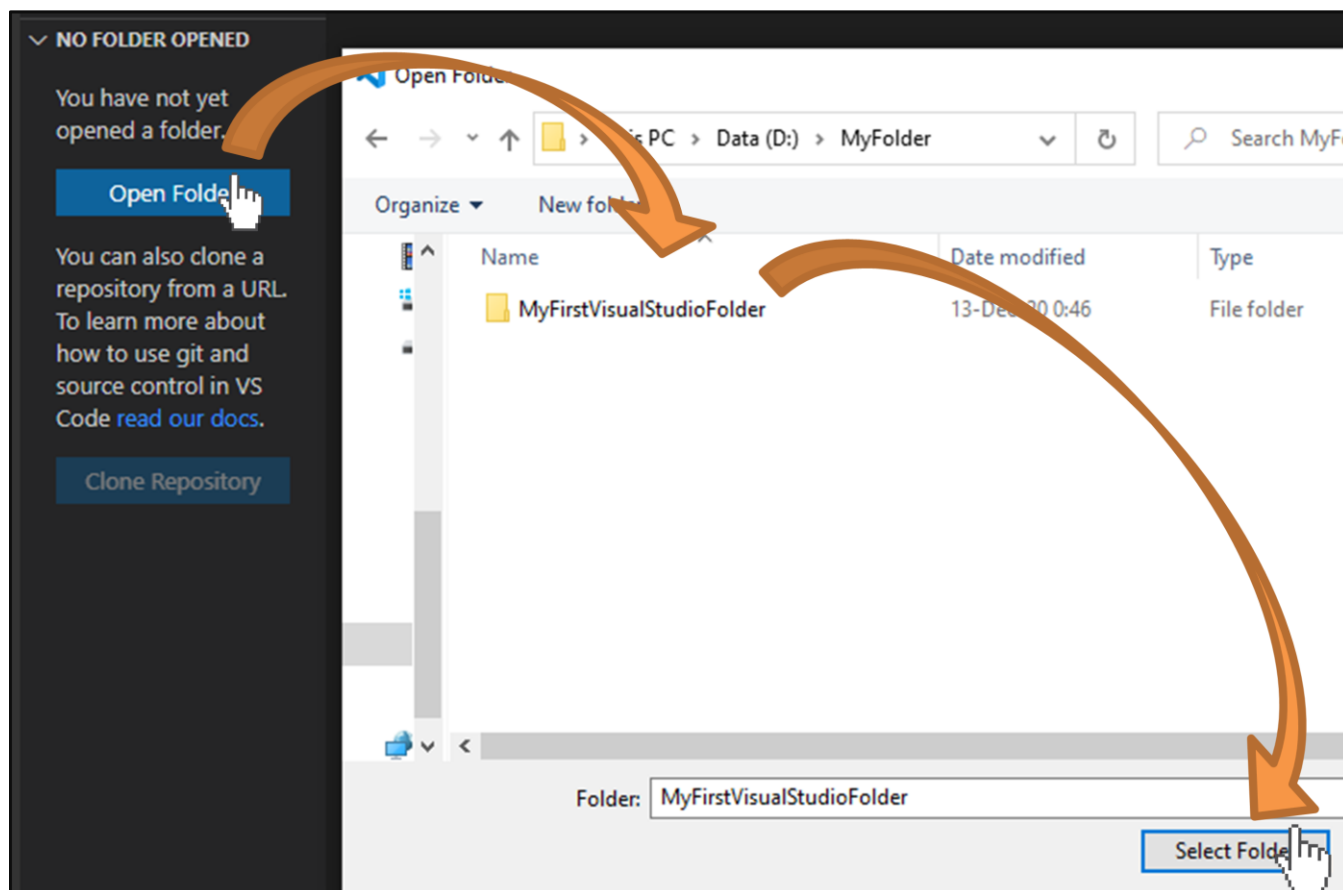
Introduction to HTML and CSS

Problems for exercises and homework for the ["HTML and CSS" course @ SoftUni](#). Submit your solutions in the SoftUni Judge system at <https://judge.softuni.org/Contests/4352/01-Introduction-to-HTML-and-CSS>.

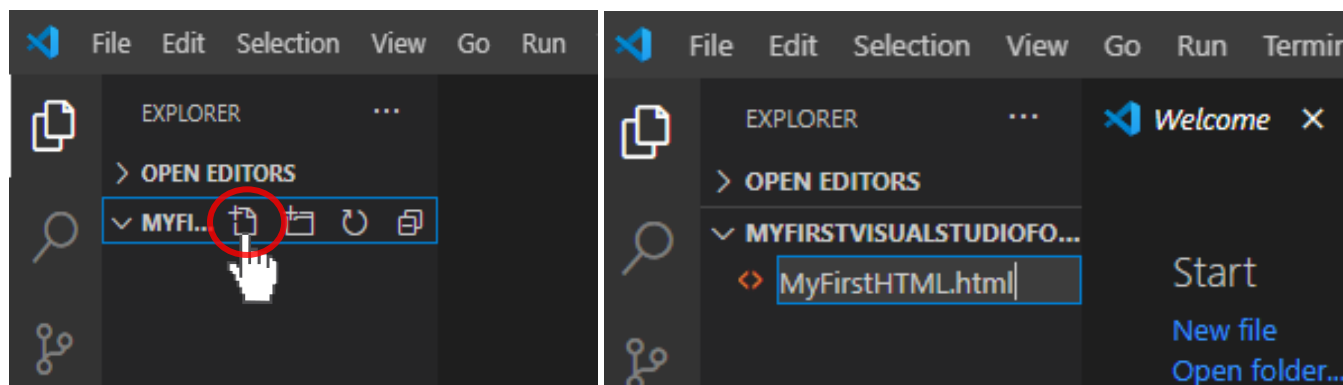
Install and Configure Visual Studio Code for HTML

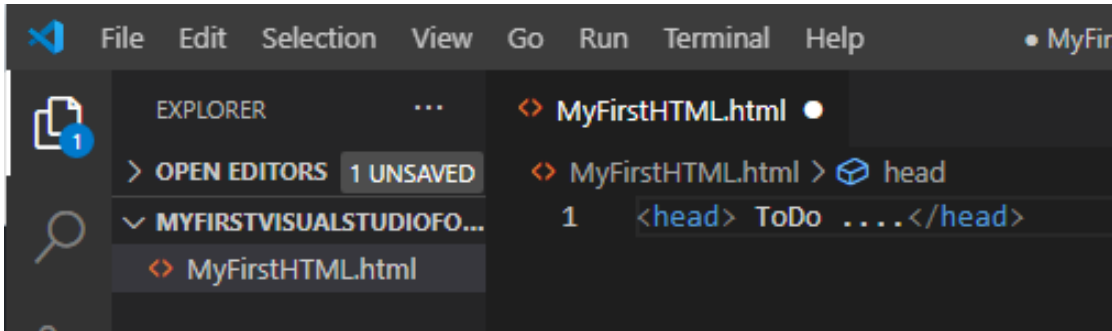
Install **VS Code** by using the guide in the resources of that lab.

1. **Start** with Visual Studio Code.
2. Create and select the **working folder** in which we will create our first HTML page.

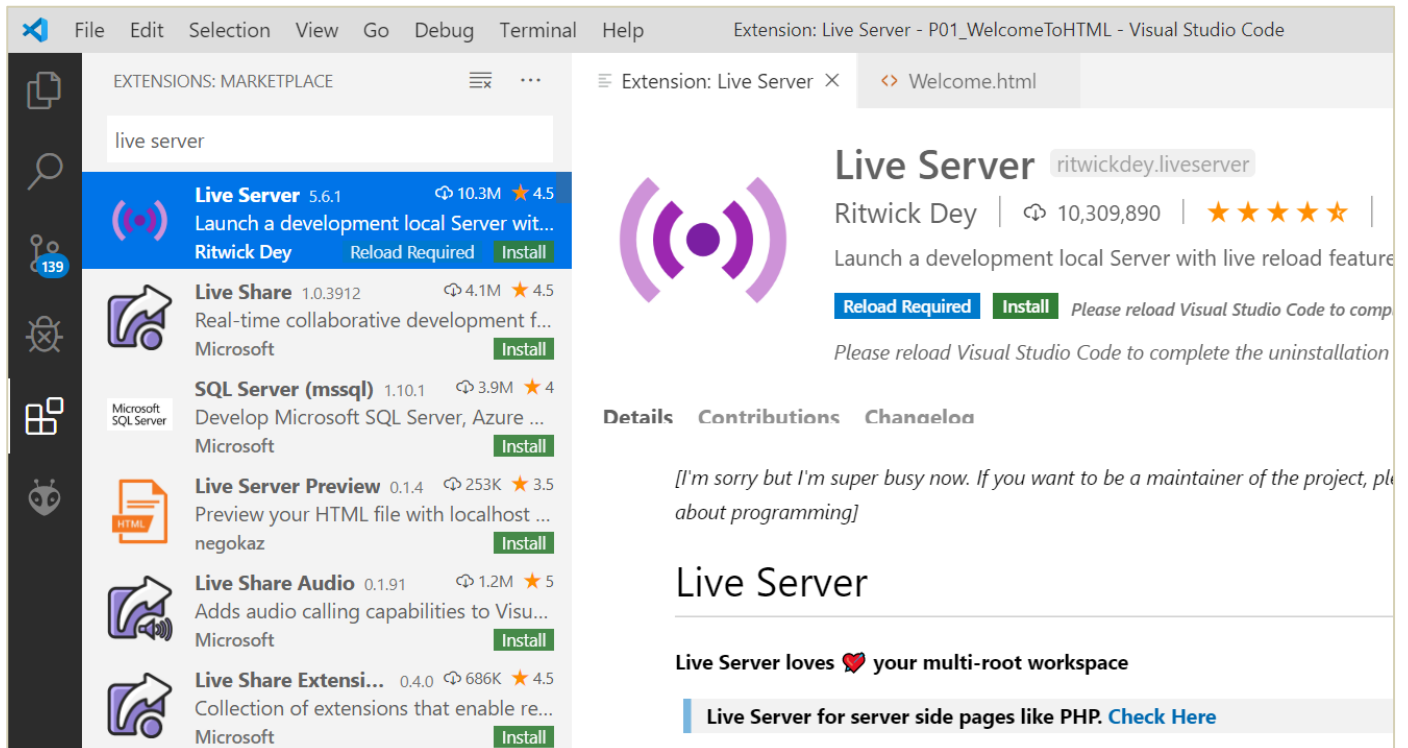


3. Create a new **HTML file**:

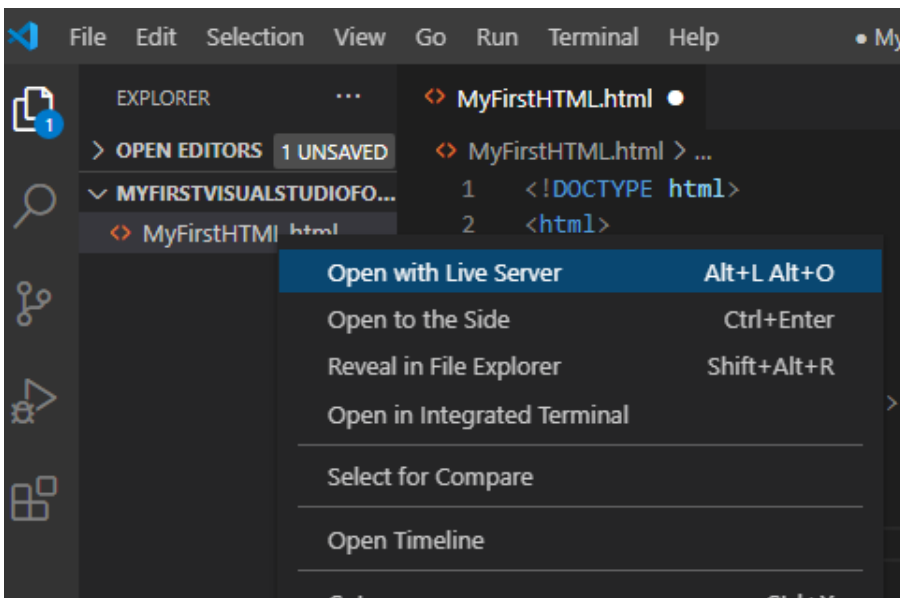




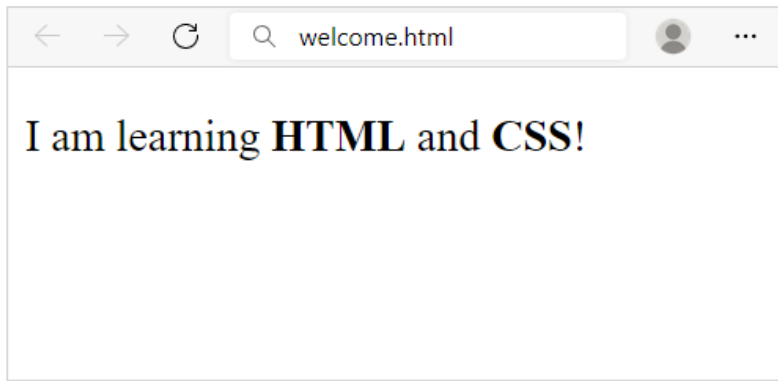
4. Install the extension “Live Server”:



5. To see the result of the written code in a browser, **right-click** on the project and select **[Open with Live Server]**.



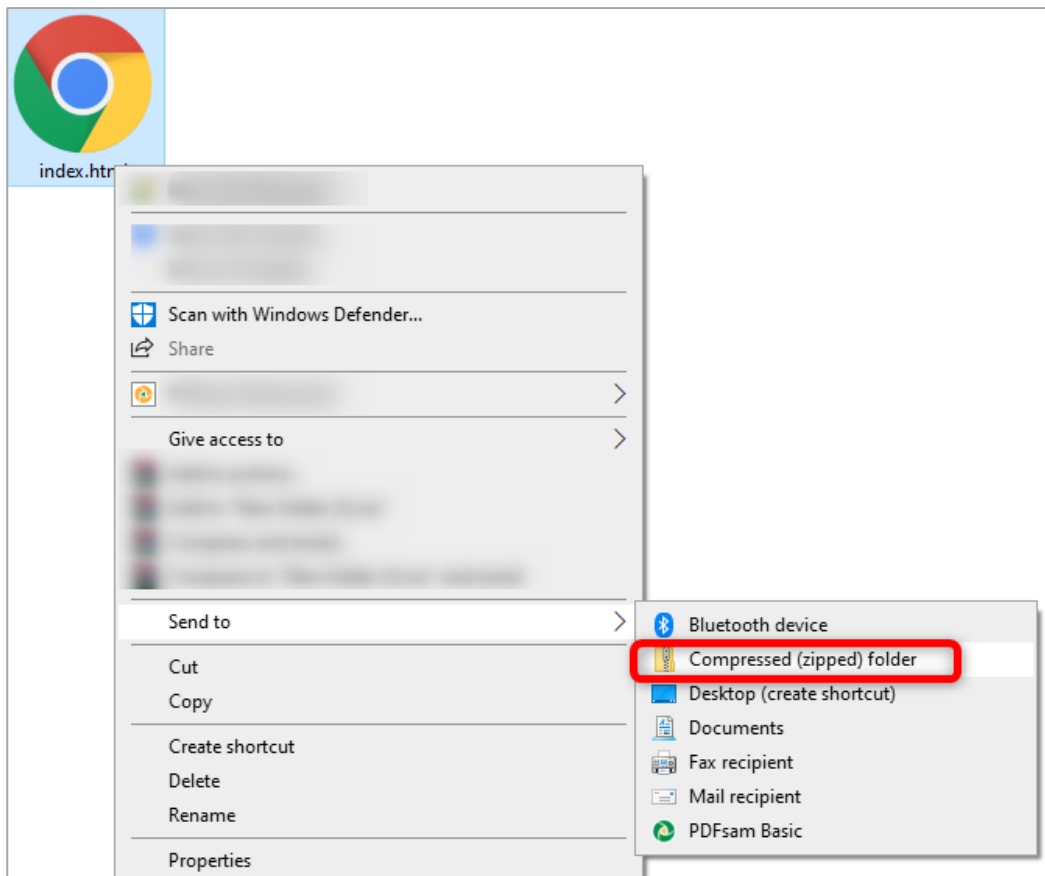
You will see the output from your HTML code in the Web browser:



How to Submit Solutions in Judge?

Make a **zip** archive of your solution by **selecting the HTML (and CSS) file(s) > right-click > [Send to] > [Compressed (zipped) file]**.

Drag the zipped file to Judge over the button **[Select files]** and drop it. After that hit the **[Submit]** button.



HTML

1. Tag Cardio: Headers

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



Create a file named **headers.html**. Use the text from the file **site-texts.txt**. Set the **html** title to be the same as the task name.

2. Tag Cardio: Paragraphs

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



Create a file named **paragraphs.html**. Use the text from the file **site-texts.txt**. Set the **html** title to be the same as the task name.

3. Tag Cardio: Order and Unorder Lists

Create a Web Page like the following:

- I. List item 1

a. Nested item 1.1

b. Nested item 1.2
- II. List item 2

1. Nested item 2.1

2. Nested item 2.2

Nested item 2.2.1

Nested item 2.2.2

Nested item 2.2.3

3. Nested item 2.3
- III. List item 3

Nested item 3.1

Nested item 3.2

Nested item 3.3

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

Create a file named **nested-lists.html**. Use the text from the file **site-texts.txt**. Set the **html** title to be the same as the task name.

4. Tag Cardio: Definition Lists

Create a Web Page like the following:

- List Header

JavaScript

Programming language, that runs on the Web.

HTML

Language for describing Web content, using text and tags.

Use `<h2>` for title and `<dl>`, `<dt>` and `<dd>` for the rest.

Create a file named **definition-lists.html**. Use the text from the file **site-texts.txt**. Set the **html** title to be the same as the task name.

5. Tag Cardio: Semantic HTML Header

Create a Web Page like the following:

Epcot Center

Epcot is a theme park at Walt Disney World Resort featuring exciting attractions, international pavilions, award-winning fireworks and seasonal special events.

Use `<header>` and in it `<h1>` and `<p>`.

Create a file named **semantic-header.html**. Use the text from the file **site-texts.txt**. Set the **html** title to be the same as the task name.

6. Tag Cardio: Semantic HTML Main

Create a Web Page like the following:

Most Popular Browsers

Chrome, Firefox, and Edge are the most used browsers today.

Use `<main>` and in it `<h1>` and `<p>`.

Create a file named **semantic-main.html**. Use the text from the file **site-texts.txt**. Set the **html** title to be the same as the task name.

7. Tag Cardio: Semantic HTML Footer

Create a Web Page like the following:

HTML&CSS

Use `<footer>` tag.

Create a file named **semantic-footer.html**. Use the text from the file **site-texts.txt**. Set the **html** title to be the same as the task name.

8. Tag Cardio: Semantic HTML Article

Create a Web Page like the following:

Google Chrome

Google Chrome is a web browser developed by Google, released in 2008. Chrome is the world's most popular web browser today!

Use `<article>` and in it `<h2>` and `<p>`.

Create a file named `semantic-article.html`. Use the text from the file `site-texts.txt`. Set the `html` title to be the same as the task name.

9. Tag Cardio: Semantic HTML Section

Create a Web Page like the following:

Google Chrome

Google Chrome is a web browser developed by Google, released in 2008. Chrome is the world's most popular web browser today!

Use `<section>` and in it `<h2>` and `<p>`.

Create a file named `semantic-section.html`. Use the text from the file `site-texts.txt`. Set the `html` title to be the same as the task name.

10. Tag Cardio: Semantic HTML Nav

Create a Web Page like the following:

[HTML](#) | [CSS](#) | [JavaScript](#) | [Python](#)

Use `<nav>` and in it `<a>`.

Create a file named `semantic-nav.html`. Use the text from the file `site-texts.txt`. Set the `html` title to be the same as the task name.

11. Tag Cardio: Semantic HTML Details and Summary

Create a Web Page like the following:



▼ Epcot Center

Epcot is a theme park at Walt Disney World Resort featuring exciting attractions, international pavilions, award-winning fireworks and seasonal special events.

Use `<details>` and in it `<summary>` and `<p>`.

Create a file named **semantic-details-and-summary.html**. Use the text from the file **site-texts.txt**. Set the **html** title to be the same as the task name.

CSS

12. Selector Cardio: Element

Create a Web Page like the following:

London

London is the capital of England. It is the most populous city in the United Kingdom, with a metropolitan area of over 13 million inhabitants.

Standing on the River Thames, London has been a major settlement for two millennia, its history going back to its founding by the Romans, who named it Londinium.

Use `<div>` and in it `<h1>` and **two** `<p>`.

Create a file named **selector-cardio-element.html**. Use the texts from the file **site-texts.txt**. Set the **html** title to be the same as the task name.

13. Selector Cardio: Class

Copy the file **selector-cardio-element.html** from previous problem into the folder **"02.Selector-Cardio-Element"**. Add **class="first"** on the first paragraph.

14. Selector Cardio: ID

Copy the file `selector-cardio-class.html` from previous problem into the folder "03.Selector-Cardio-Class". Add `id="second"` on the second paragraph.

15. Selector Cardio: Attribute

Copy the file `selector-cardio-id.html` from previous problem into the folder "04.Selector-Cardio-Id". Create another file named `styles.css`.

- `<h1>` – change font-size to 50px;
- `class="first"` – change text-decoration to underline;
- `id="second"` – change font-style to italic.

London

London is the capital of England. It is the most populous city in the United Kingdom, with a metropolitan area of over 13 million inhabitants.

Standing on the River Thames, London has been a major settlement for two millennia, its history going back to its founding by the Romans, who named it Londinium.

Link your CSS file to HTML file.

16. CSS Properties Cardio: Background

Using your code from **Selector Cardio**, create a new CSS file and change **background-color** of the **div** to **green**:

London

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Standing on the River Thames, London has been a major settlement for two millennia, its history going back to its founding by the Romans, who named it Londinium.

17. CSS Properties Cardio: Color

Using your code from **Selector Cardio**, create a new CSS file and change **text color** of the **div** to **red**:

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18. CSS Properties Cardio: Font Family

Using your code from **Selector Cardio**, create a new CSS file and change **font-family** of the **div** to 'Gill Sans', **sans-serif**:

London

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Standing on the River Thames, London has been a major settlement for two millennia, its history going back to its founding by the Romans, who named it Londinium.