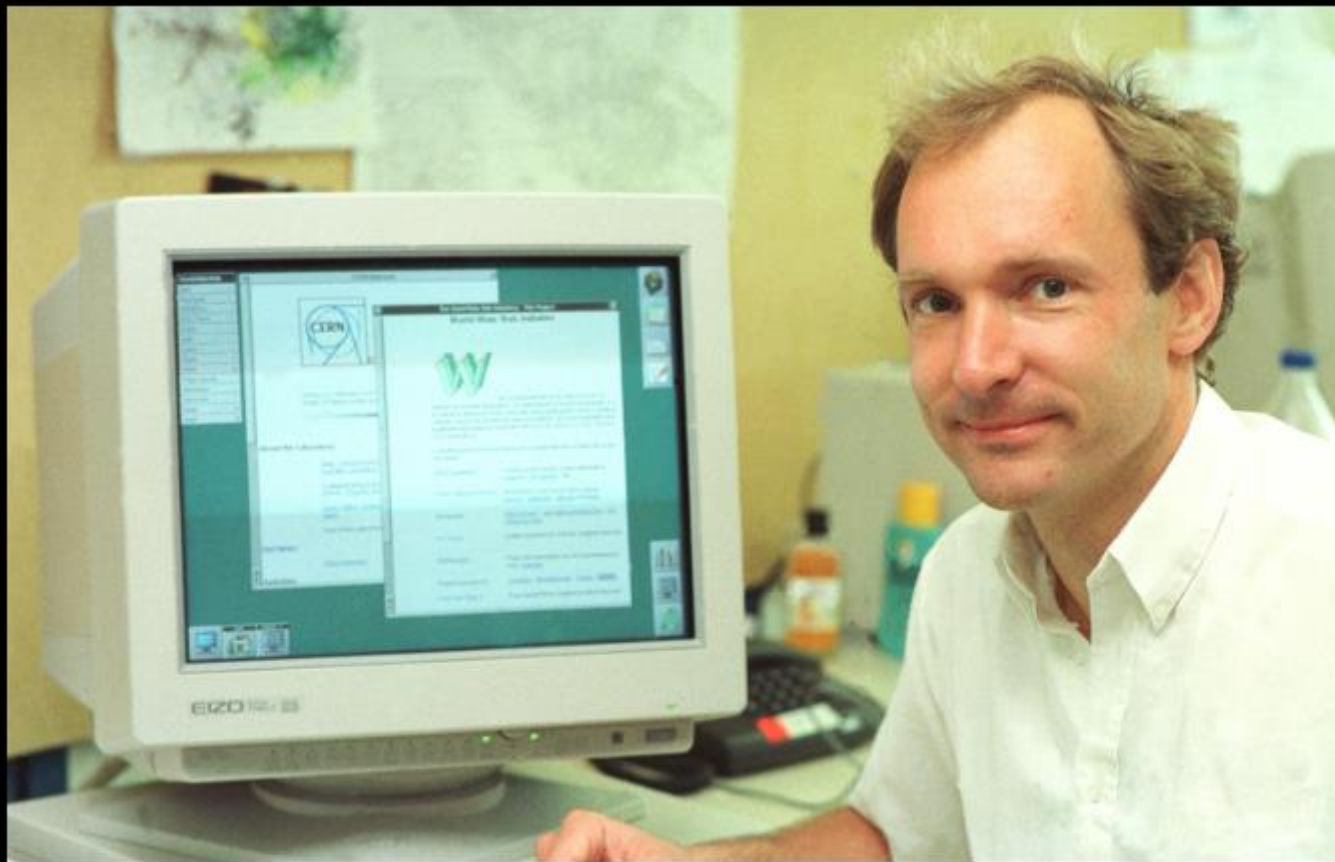




Front End Development Using

- HTML
- CSS
- Bootstrap 5
- TypeScript
- ReactJS & RedUx

History of HTML, CSS



The birth of the Web | CERN

Tim Berners-Lee

Håkon Wium Lie



Father Of CSS

History of HTML...

- HTML created by Tim Berners-Lee in **1989**.
- HTML Gives structure to the Web Page
- HTML stands for Hyper Text Markup Language.
- Hypertext means document contains **links that allow the reader to jump to other places** in the document or to another document.
- Markup languages are computer languages, used to **structure, format** the documents with the help of **tags** and **attributes**.
- Tags and Attribute are Heart of HTML
- Tags are used to mark up the start of an HTML element. Tags are usually enclosed in angle brackets <> Most tags must be opened <> and closed </> Example: **<h1>**Welcome to *HTML***</h1>**
- Tags are understandable by the browsers
- **Attributes** contain additional information. Attributes will be placed inside tags to provide additional information.
- ****
<h1 style="color:tomato">Md Ali Sharukh Nawaz**</h1>**

Rules To Remember

1. Majority of tags must be opened (<tag>) and closed (</tag>)
2. When using multiple tags, the tags must be closed in the order in which they were opened.

Example:

```
<h1 style="color:tomato"><strong>Md Ali Sharukh Nawaz</strong></h1>
```

HTML Editors

Visual Studio

Visual Studio Setup




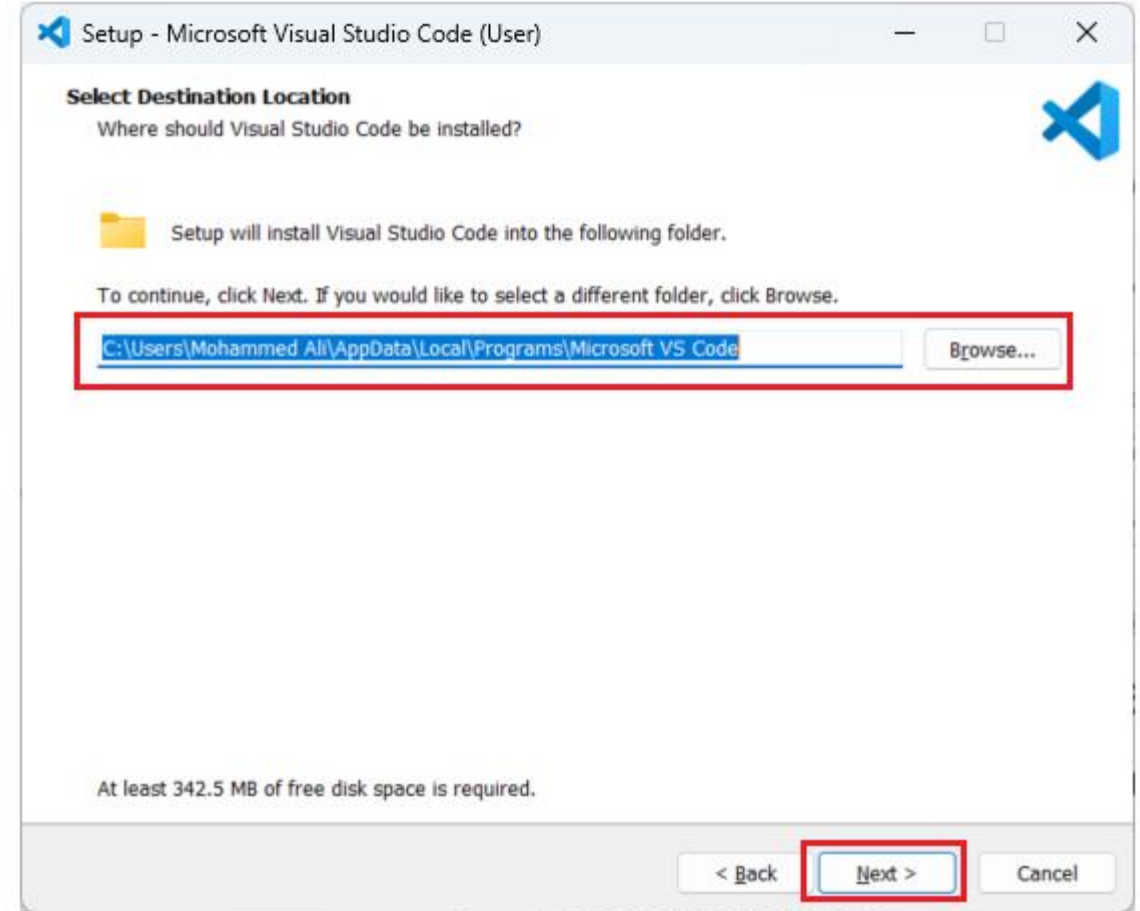
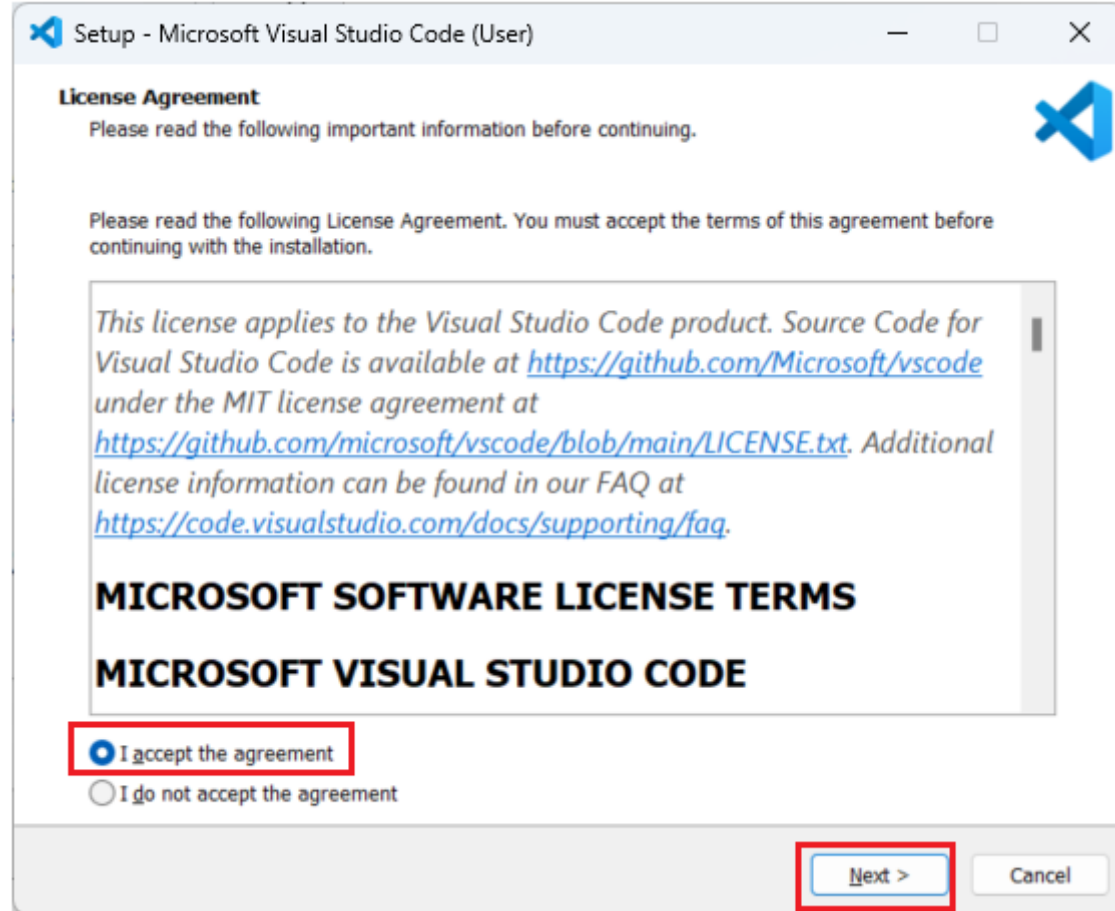
Visual Studio Setup

The image shows the Visual Studio Code website in a web browser. The browser's address bar is highlighted with a red box, showing the URL `https://code.visualstudio.com`. The website header includes the Visual Studio Code logo, navigation links (Docs, Updates, Blog, API, Extensions, FAQ, Learn), a search bar, and a 'Download' button. A banner below the header announces 'Version 1.78 is now available!'. The main content area features the headline 'Code editing. Redefined.' and the text 'Free. Built on open source. Runs everywhere.' Below this is a 'Download for Windows' button, also highlighted with a red box, with a dropdown arrow and the text 'Stable Build'. A link for 'Web, Insiders edition, or other platforms' is also present. At the bottom, a disclaimer states: 'By using VS Code, you agree to its license and privacy statement.'

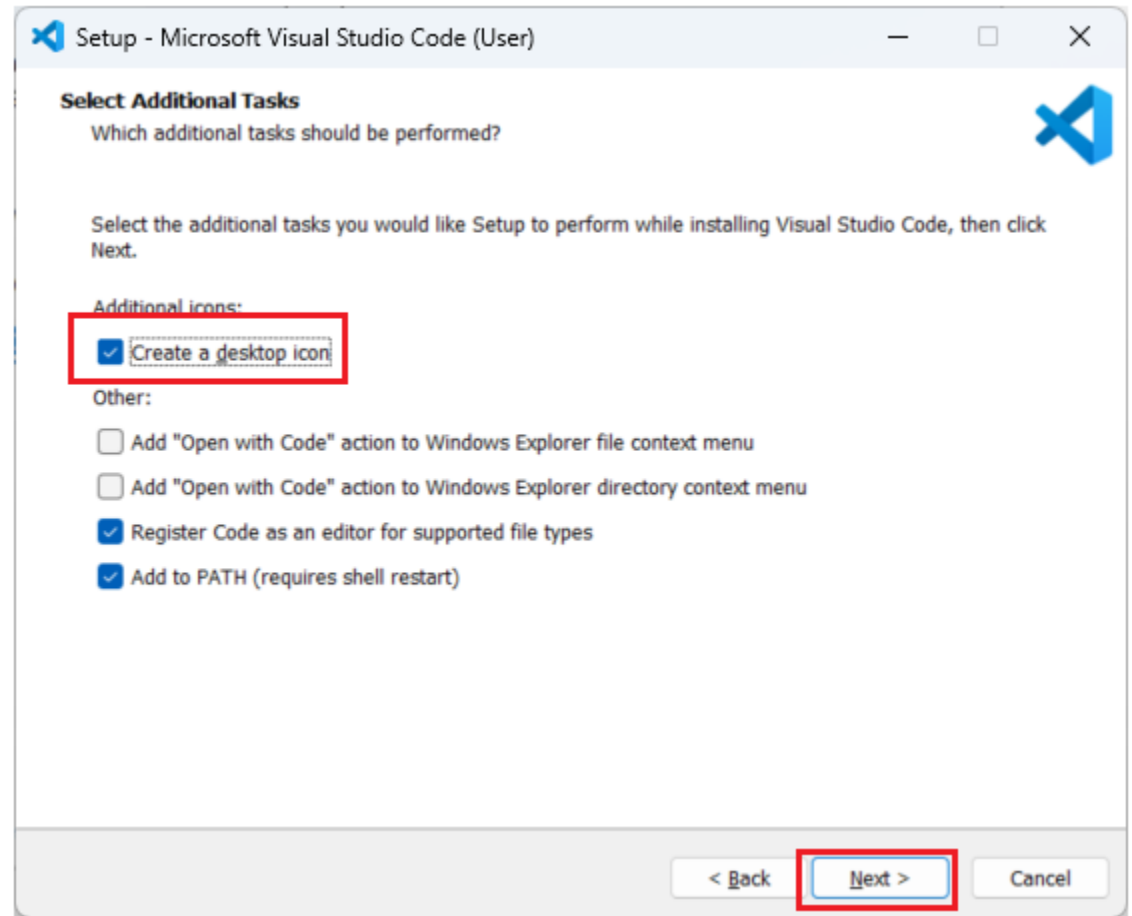
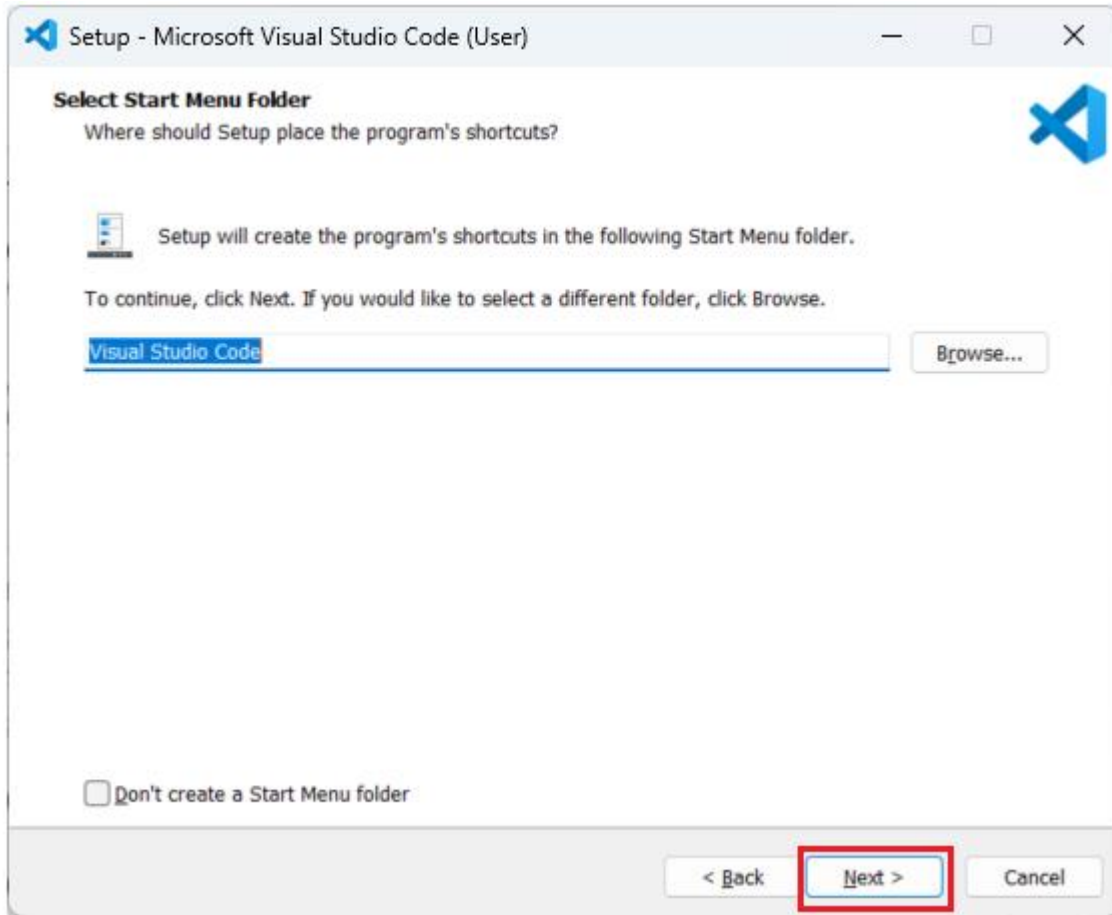
Overlaid on the bottom right of the website is a preview of the Visual Studio Code application interface. The interface shows the 'EXTENSIONS: MARKETPLACE' sidebar on the left with a list of extensions including Python, GitLens, C/C++, ESLint, Debugger for Chrome, Language Support for Java, VS Code Icons, Vetur, and C#. The main editor area displays a JavaScript file named 'serviceWorker.js' with code for registering a service worker. The terminal at the bottom shows the command `node` and the output: 'You can now view create-react-app in the browser. Local: http://localhost:3000/ On Your Network: http://10.211.55.3:3000/'. The status bar at the very bottom indicates the current file is 'Ln 43, Col 19' and the encoding is 'UTF-8'.

Visual Studio Setup...

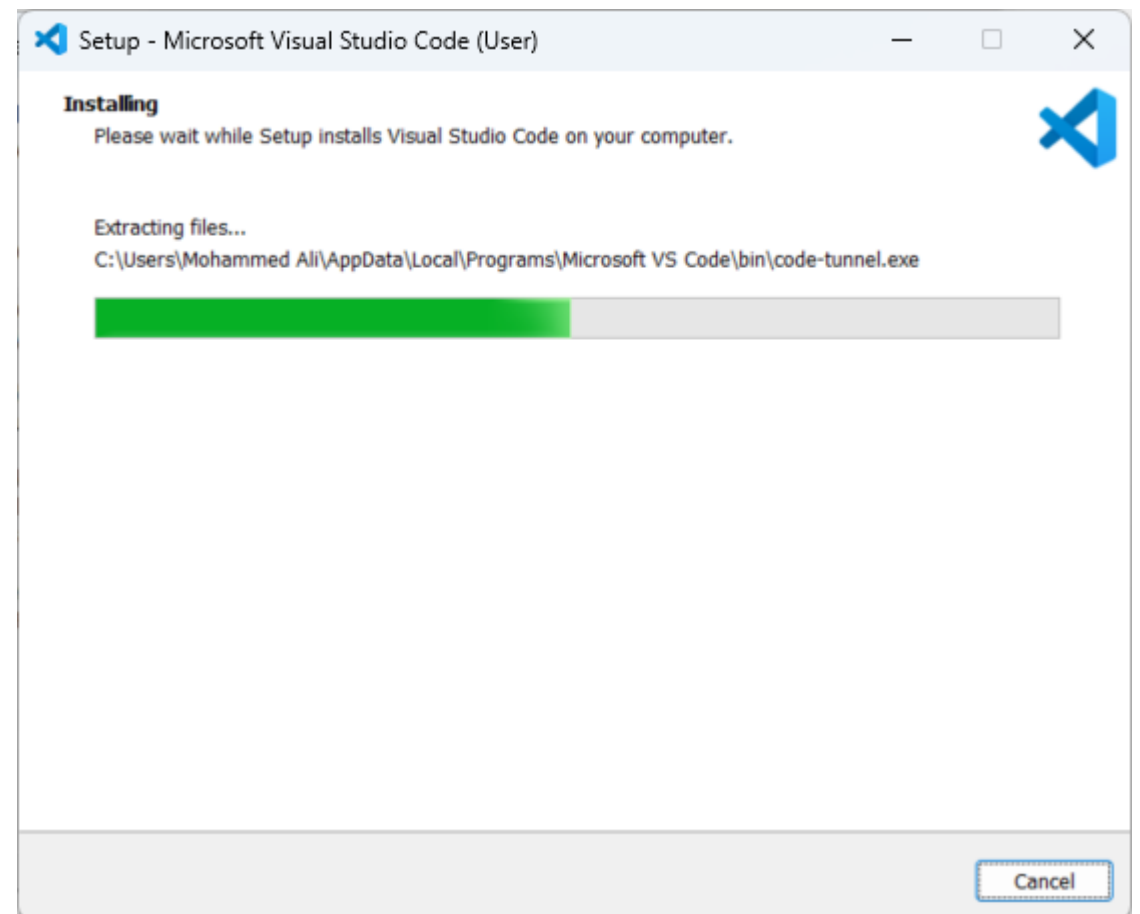
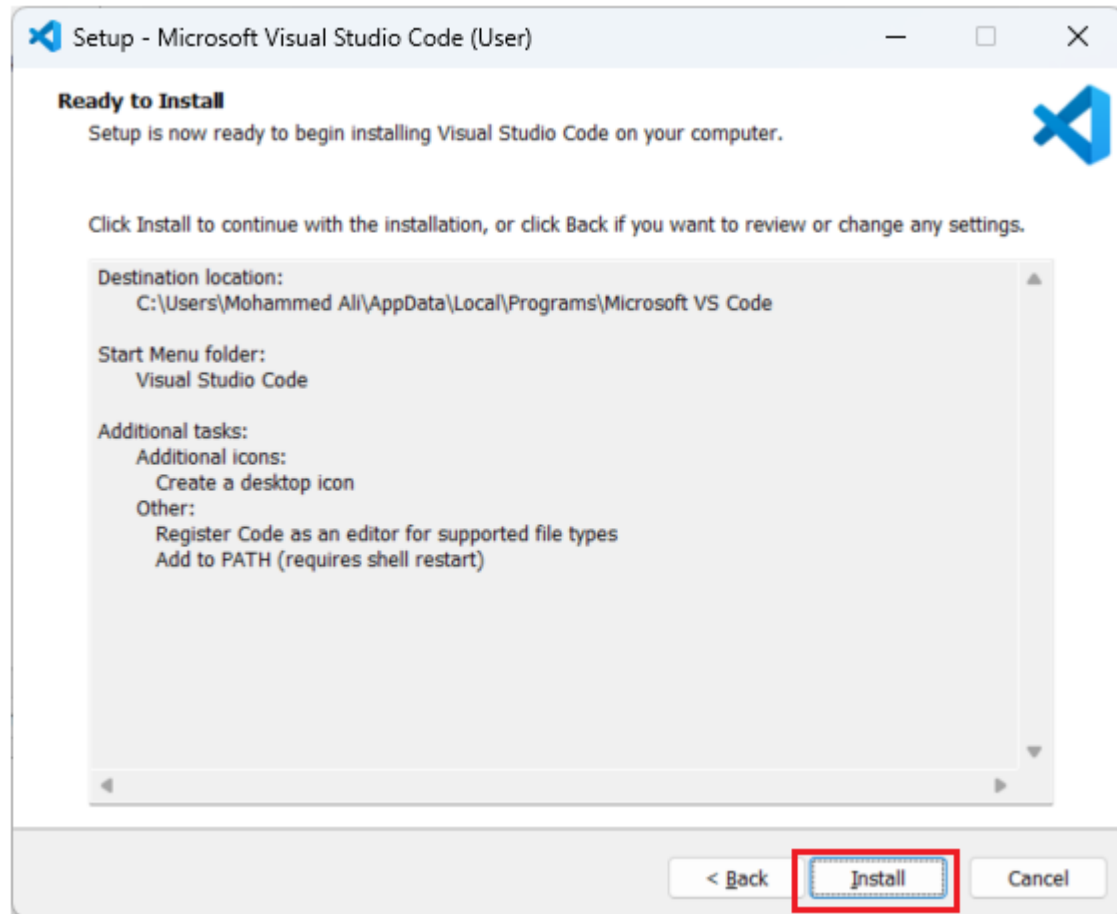
 VSCodeUserSetup-x64-1.78.2



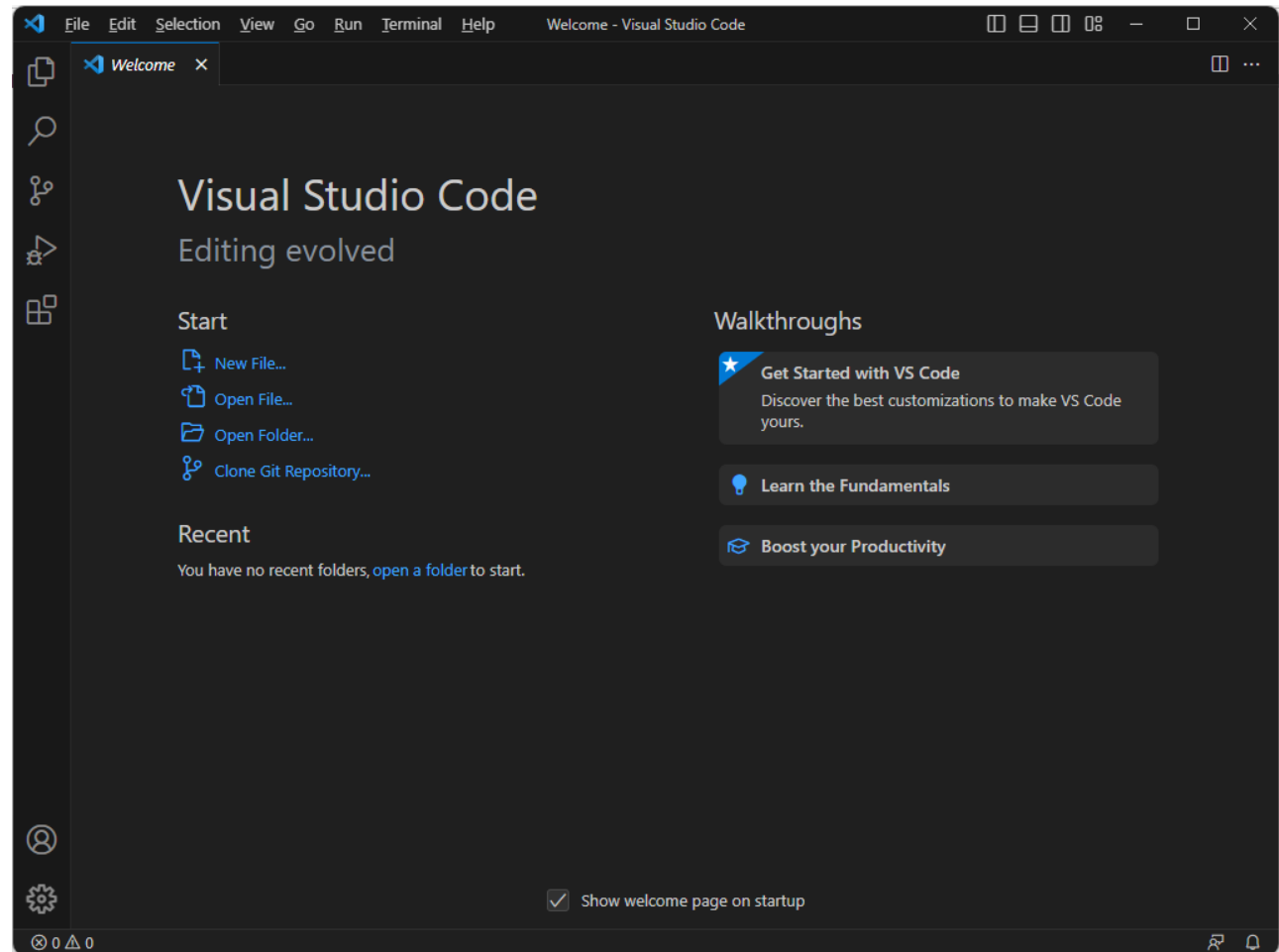
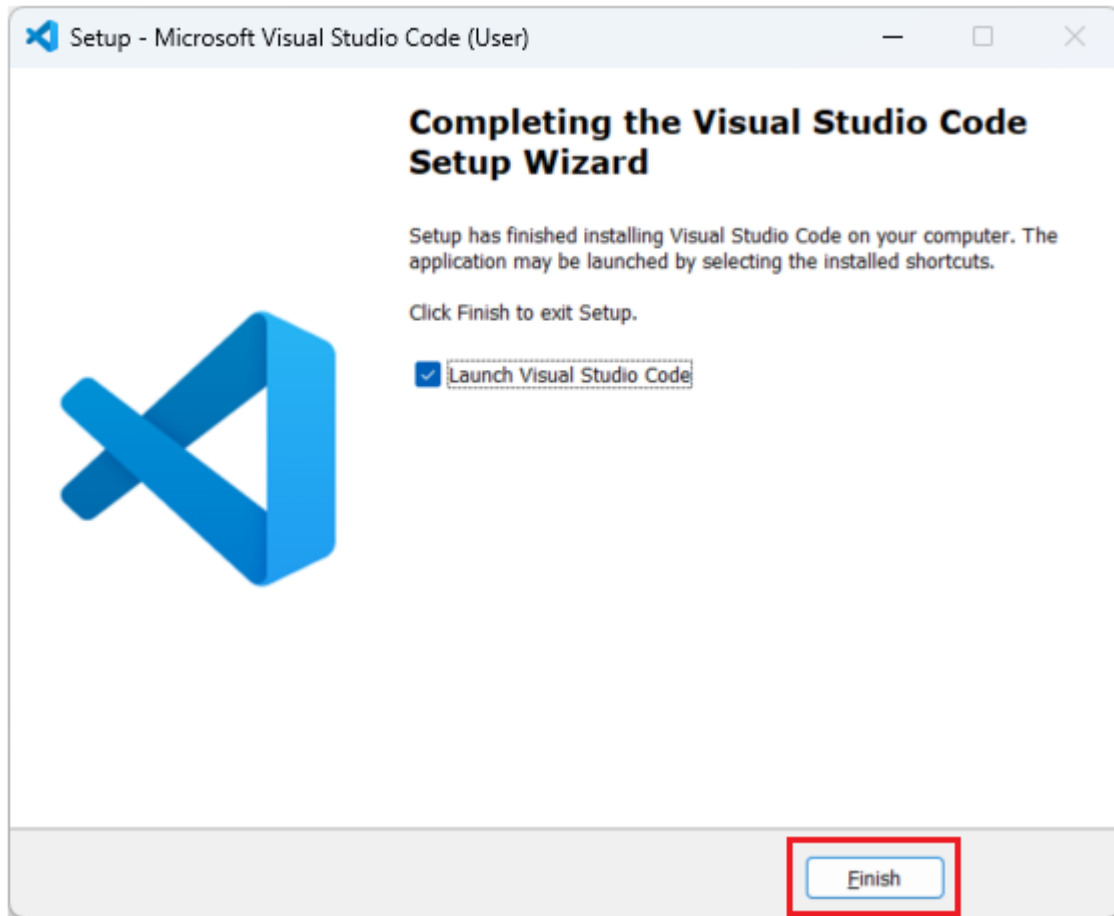
Visual Studio Setup...



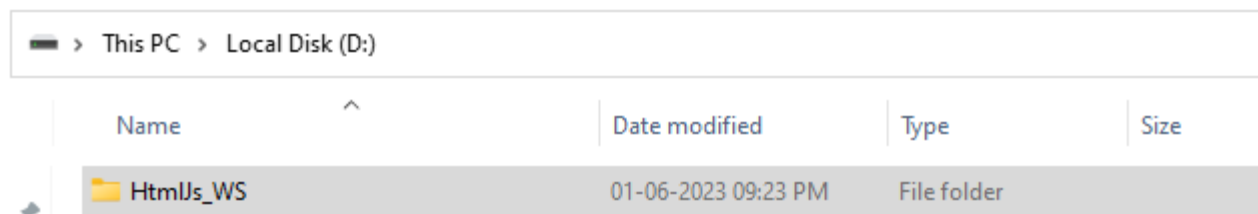
Visual Studio Setup...



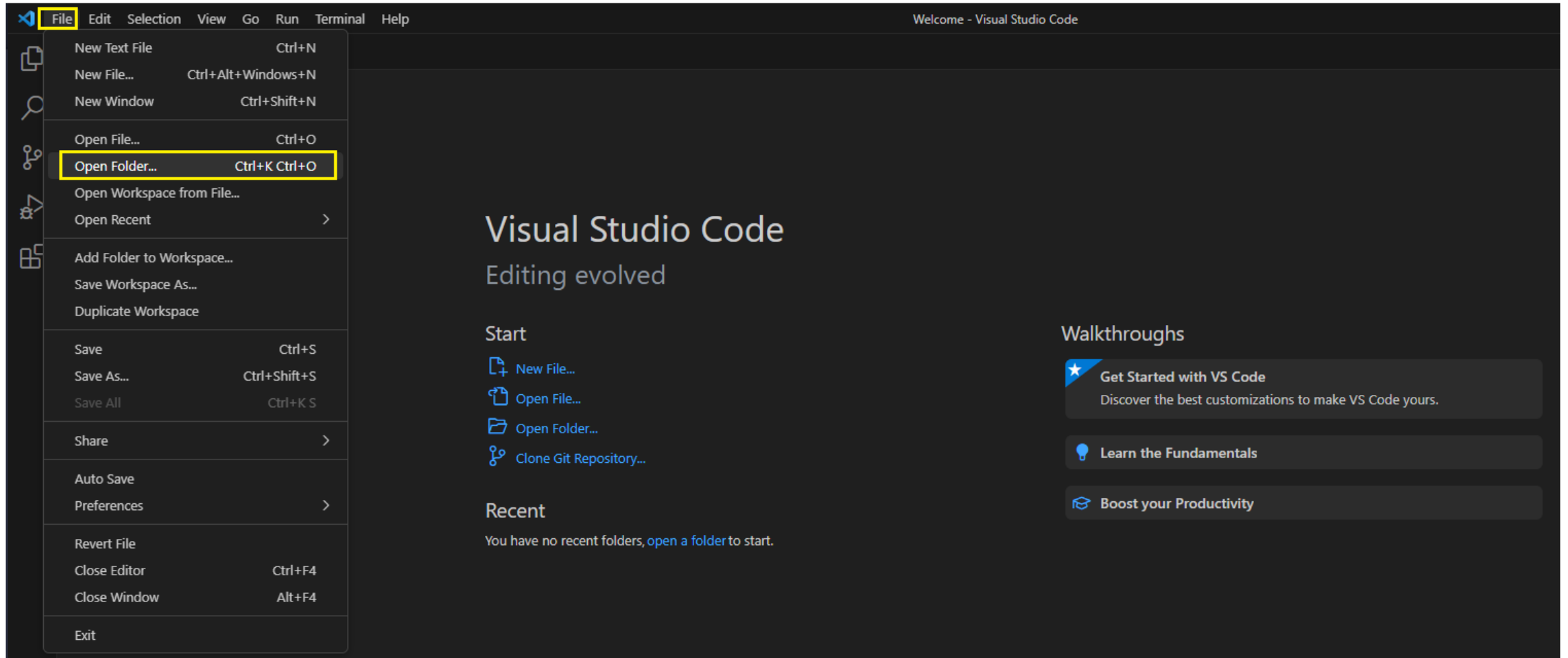
Visual Studio Setup...



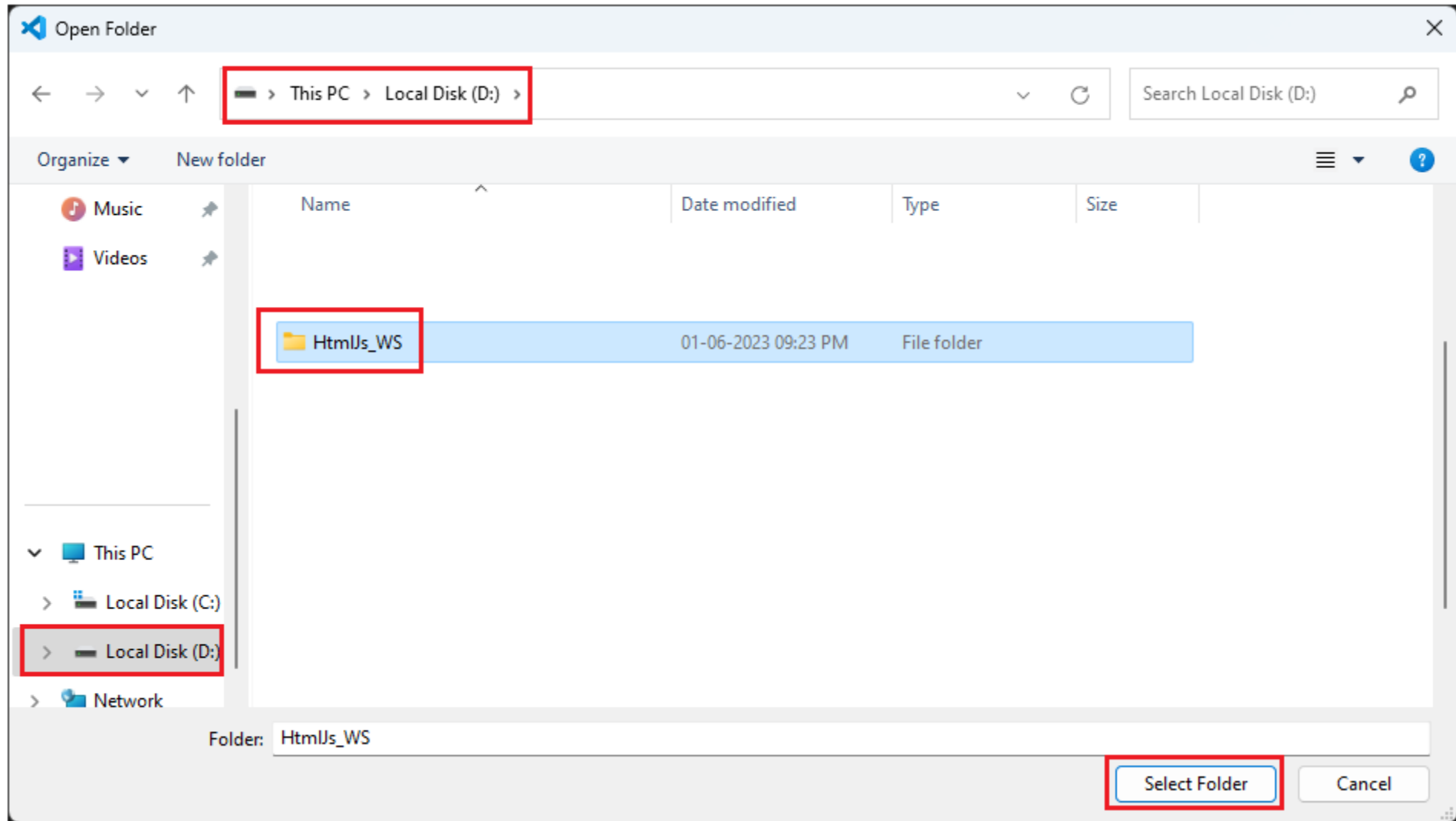
Create a Folder



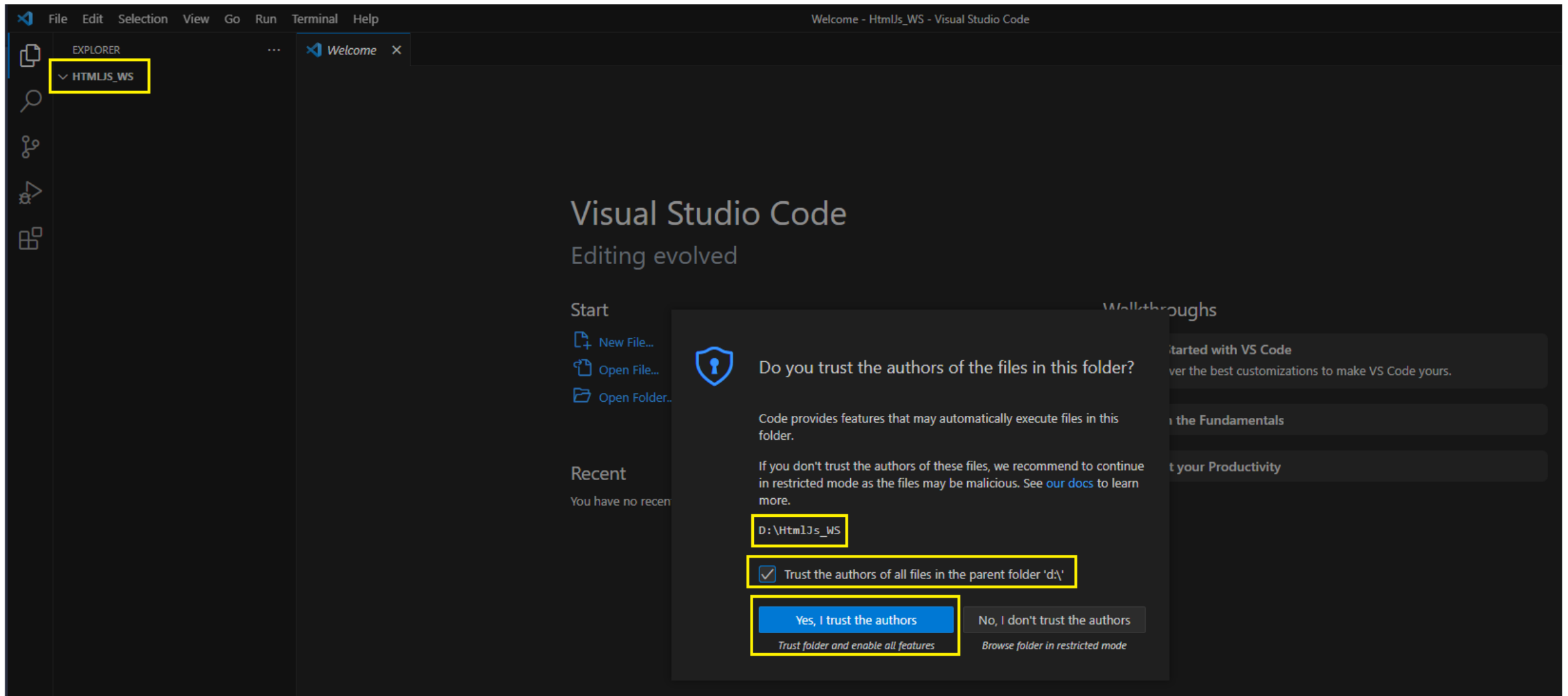
Creating Project in Visual Studio Code



Creating Project in Visual Studio Code...



Creating Project in Visual Studio Code...



Installing Extensions



Installing Live Server

This screenshot shows the Visual Studio Code interface with the Extensions Marketplace open. The search bar contains the text 'live'. The 'Live Server' extension by Ritwick Dey is highlighted in the list on the left. The main panel displays the details for the 'Live Server' extension, version v5.7.9. The extension has 35,077,882 downloads and a 4.3/5 rating from 443 reviews. The 'Install' button is highlighted with a yellow box. The extension description states: 'Launch a development local Server with live reload feature for static & dynamic pages'. The right sidebar shows the 'Categories' (Other), 'Extension Resources' (Marketplace, Repository, License, Ritwick Dey), and 'More Info' (Published: 6/28/2017, 02:44:04; Last released: 8/31/2022, 08:33:25; Identifier: ritwickdey.liveserver).

File Edit Selection View Go Run Terminal Help

EXTENSIONS: MARKETPLACE

live

Live Server v5.7.9
Ritwick Dey | 35,077,882 | ★★★★★ (443)
Launch a development local Server with live reload feature for static & dynamic pages

Install

DETAILS FEATURE CONTRIBUTIONS CHANGELOG

[Wanna try **LIVE SERVER++** (BETA) ? It'll enable live changes without saving file. <https://github.com/ritwickdey/vscode-live-server-plus-plus>]

Live Server

Live Server loves ❤️ your multi-root workspace

Live Server for server side pages like PHP. [Check Here](#)

[For 'command not found error' #78]

vscode marketplace v5.7.9 downloads 61M rating 4.3/5 (443)

travis branch no longer available appveyor branch passing license MIT

Launch a local development server with live reload feature for static & dynamic pages.

Categories

Other

Extension Resources

Marketplace
Repository
License
Ritwick Dey

More Info

Published 6/28/2017, 02:44:04
Last released 8/31/2022, 08:33:25
Identifier ritwickdey.liveserver

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File Edit Selection View Go Run Terminal Help

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File Edit Selection View Go Run Terminal Help

EXTENSIONS: MARKETPLACE

live

Live Server v5.7.9
Ritwick Dey | 35,077,882 | ★★★★★ (443)
Launch a development local Server with live reload feature for static & dynamic pages

Disable Uninstall

DETAILS FEATURE CONTRIBUTIONS CHANGELOG

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File Edit Selection View Go Run Terminal Help

EXTENSIONS: MARKETPLACE

live

Live Server v5.7.9
Ritwick Dey | 35,077,882 | ★★★★★ (443)
Launch a development local Server with live reload feature for static & dynamic pages
Install

DETAILS FEATURE CONTRIBUTIONS CHANGELOG

[Wanna try **LIVE SERVER++ (BETA)** ? It'll enable live changes without saving file. <https://github.com/ritwickdey/vscode-live-server-plus-plus>]

Live Server

Live Server loves ❤️ your multi-root workspace

Live Server for server side pages like PHP. [Check Here](#)

[For 'command not found error' #78]

vscode marketplace v5.7.9 downloads 61M rating 4.3/5 (443)
travis branch no longer available appveyor branch passing license MIT

Launch a local development server with live reload feature for static & dynamic pages.

Categories
Other

Extension Resources
[Marketplace](#)
[Repository](#)
[License](#)
[Ritwick Dey](#)

More Info
Published 6/28/2017, 02:44:04
Last released 8/31/2022, 08:33:25
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This screenshot shows the Visual Studio Code interface with the Extensions Marketplace open. The search bar contains the text 'live'. The 'Live Server' extension by Ritwick Dey is highlighted in the list on the left. The main panel displays the details for the 'Live Server' extension, version 5.7.9. The extension is described as 'Launch a development local Server with live reload feature for static & dynamic pages'. The 'Installing' button is highlighted.

File Edit Selection View Go Run Terminal Help

EXTENSIONS: MARKETPLACE

live

Live Server v5.7.9
Ritwick Dey | 35,077,882 | ★★★★★ (443)
Launch a development local Server with live reload feature for static & dynamic pages
Installing

DETAILS FEATURE CONTRIBUTIONS CHANGELOG

This screenshot shows the Visual Studio Code interface with the Extensions Marketplace open. The search bar contains the text 'live'. The 'Live Server' extension by Ritwick Dey is highlighted in the list on the left. The main panel displays the details for the 'Live Server' extension, version 5.7.9. The extension is described as 'Launch a development local Server with live reload feature for static & dynamic pages'. The 'Disable' and 'Uninstall' buttons are highlighted.

File Edit Selection View Go Run Terminal Help

EXTENSIONS: MARKETPLACE

live

Live Server v5.7.9
Ritwick Dey | 35,077,882 | ★★★★★ (443)
Launch a development local Server with live reload feature for static & dynamic pages
Disable **Uninstall**

DETAILS FEATURE CONTRIBUTIONS CHANGELOG

This extension is enabled globally.

Installing Prettier – Code Formatter

The screenshot shows the Visual Studio Code interface with the Extensions Marketplace open. The search bar contains the text "Prettier". The search results list several extensions, with "Prettier - Code formatter" by Prettier highlighted. The details panel on the right shows the extension's name, version (v9.13.0), and a large number of downloads (32,771,114). The "Install" button is highlighted with a yellow box. The extension's description is "Code formatter using prettier". The interface also shows the "Extension: Prettier - Code formatter" tab and the "Prettier - Code formatter" extension icon in the sidebar.

File Edit Selection View Go Run Terminal Help

EXTENSIONS: MARKETPLACE

Prettier

Prettier - Code formatter 32.7M ★ 3.5
Code formatter using prettier
Prettier [Install](#)

Prettier ESLint 1.3M ★ 4
A Visual Studio Extension to format JavaScript ...
Rebecca Vest [Install](#)

Prettier Now 421K ★ 4
VS Code plugin for Prettier Miscellaneous / Co...
Remi Marsal [Install](#) ⚠

Prettier - Code formatter 436K ★ 2.5

Extension: Prettier - Code formatter X

Prettier - Code formatter v9.13.0
Prettier [prettier.io](#) | 32,771,114 | ★★★★★ (402) | ❤ Sponsor
Code formatter using prettier
[Install](#) ⚙

DETAILS FEATURE CONTRIBUTIONS CHANGELOG

Prettier Formatter for Visual Studio Code

Installing HTML Boilerplate

The screenshot displays the Visual Studio Code interface with the Extensions Marketplace open. The search bar contains 'HTML Boi', and the 'HTML Boilerplate' extension by sidthesloth is highlighted. The extension details panel on the right shows the extension's icon, name, version (v1.1.1), author (sidthesloth), download count (2,370,533), and a 5-star rating from 14 reviews. The 'Install' button is highlighted with a yellow box. The README section below the extension details states: 'Visual Studio Code HTML Boilerplate' and 'This extension provides the standard HTML boilerplate code used in all web applications.'

File Edit Selection View Go Run Terminal Help

EXTENSIONS: MARKETPLACE

HTML Boi

HTML Boilerplate 2.3M ★ 5
A basic HTML5 boilerplate snippet generator.
sidthesloth [Install](#)

HTML boilerplate 10K ★ 5
Starter template for HTML boilerplate.
Vaisrav [Install](#)

HTML Boilerplate 2021 9K ★ 5
A robust snippet for HTML pages that satisfy m...
remyhunt [Install](#)

boilerHTML - HTML boilerplate 3K
A very extensive HTML5 boilerplate.
Performanize.com [Install](#)

HTML-Boilerplate-Reborn 473

Extension: HTML Boilerplate - HtmlJs_WS - Visual Studio Code

HTML Boilerplate v1.1.1
sidthesloth | 2,370,533 | ★★★★★ (14)
A basic HTML5 boilerplate snippet generator.
[Install](#) ⚙️

DETAILS FEATURE CONTRIBUTIONS

README

Visual Studio Code HTML Boilerplate

This extension provides the standard HTML boilerplate code used in all web applications.

Installing Material Icon

The screenshot displays the Visual Studio Code interface with the Extensions Marketplace open. The search bar at the top of the marketplace is set to "Material Icon". The "Material Icon Theme" by Philipp Kief is the first result and is highlighted with a yellow box. To the right, the extension's detail page is shown, also featuring a yellow box around the "Install" button. The extension has a rating of 5 stars from 299 reviews and over 18 million downloads. Below the extension list, several other icon-related extensions are visible, including "Material Theme Icons", "Angular Material 2, Flex layout ...", "Gruvbox Material Icon Theme", "Icon Fonts", "Unofficial Material Icon Theme", "Angular material icon picker", and "Material Product Icons".

EXTENSIONS: MARKETPLACE

Material Icon

Material Icon Theme v4.28.0
Material Design Icons for Visual Studio Code
Philipp Kief [pkief.com](#) | 18,033,543 | ★★★★★ (299) | Sponsor

Install

DETAILS FEATURE CONTRIBUTIONS CHANGELOG

Material Icon Theme

Get the Material Design icons into your VS Code.

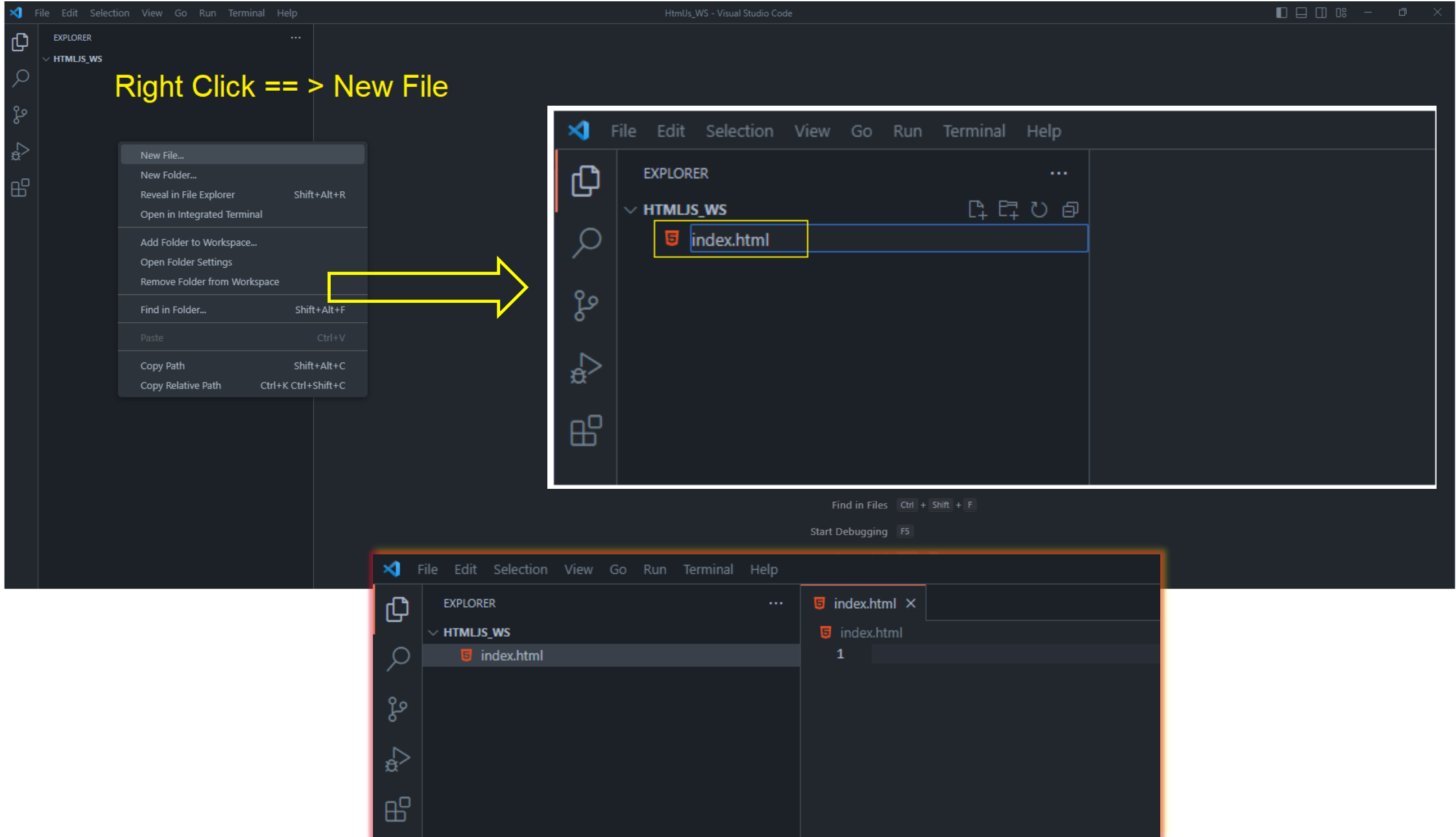
Extension Name	Author	Downloads	Rating	Action
Material Icon Theme	Philipp Kief	18M	5	Install
Material Theme Icons	Equinusocio	2.7M	4.5	Install
Angular Material 2, Flex layout ...	1TOn Technologies	356K	5	Install
Gruvbox Material Icon Theme	JonathanHarty	27K	5	Install
Icon Fonts	idleberg	476K	5	Install
Unofficial Material Icon Theme	artalatarta	2K		Install
Angular material icon picker	niccolofanton	833	5	Install
Material Product Icons	Philipp Kief	274K	5	Install

Creating

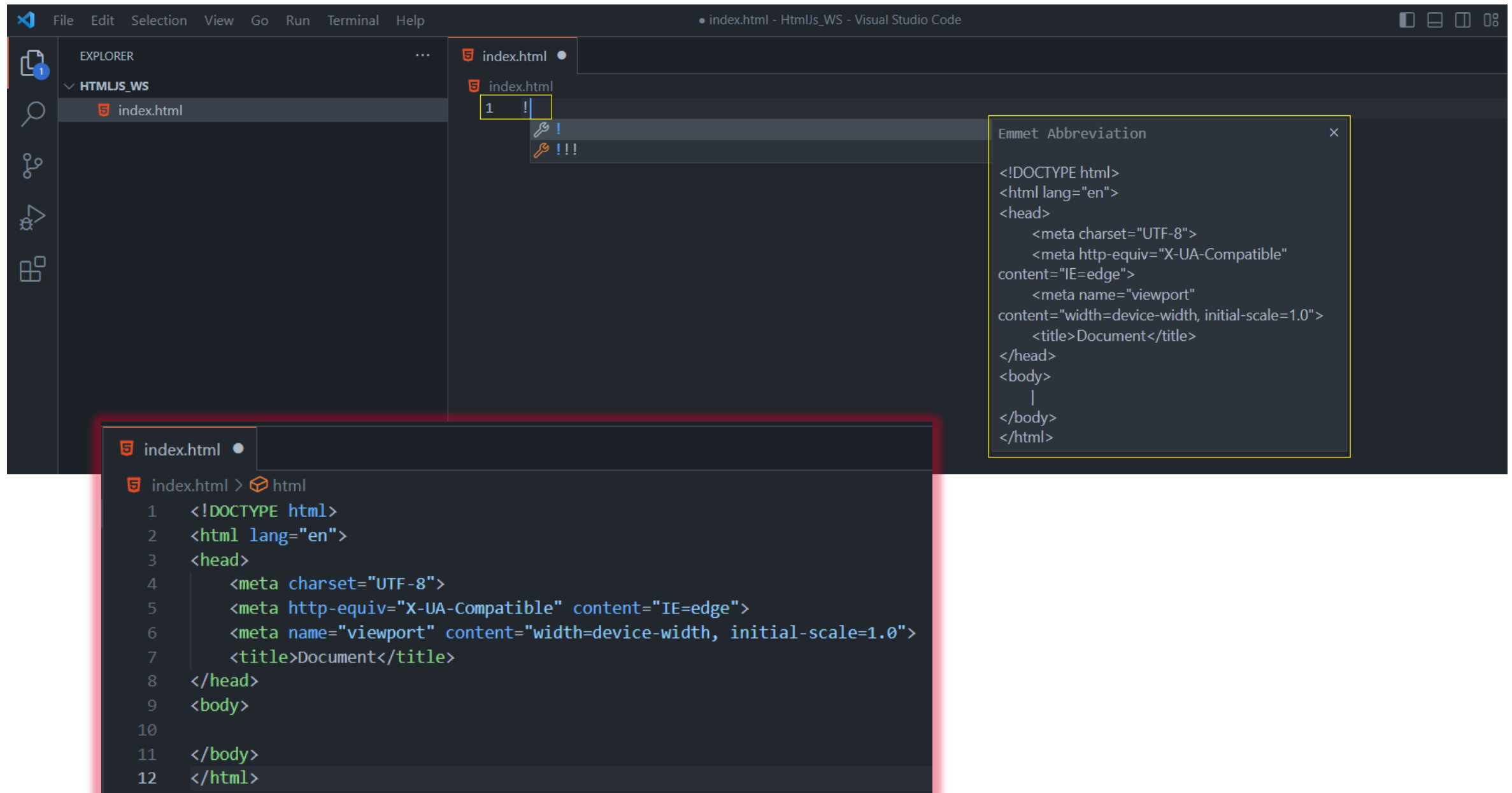
First HTML File



Creating First HTML Webpage



Creating First HTML Webpage...



Basic Structure of HTML Page

`<html>`

`<head>`

`<title>This Is Your Title </title>`

`</head>`

`<body>`

`<h1>This Is Your Header </h1>`

`<p>This is your paragraph. </p>`

`</body>`

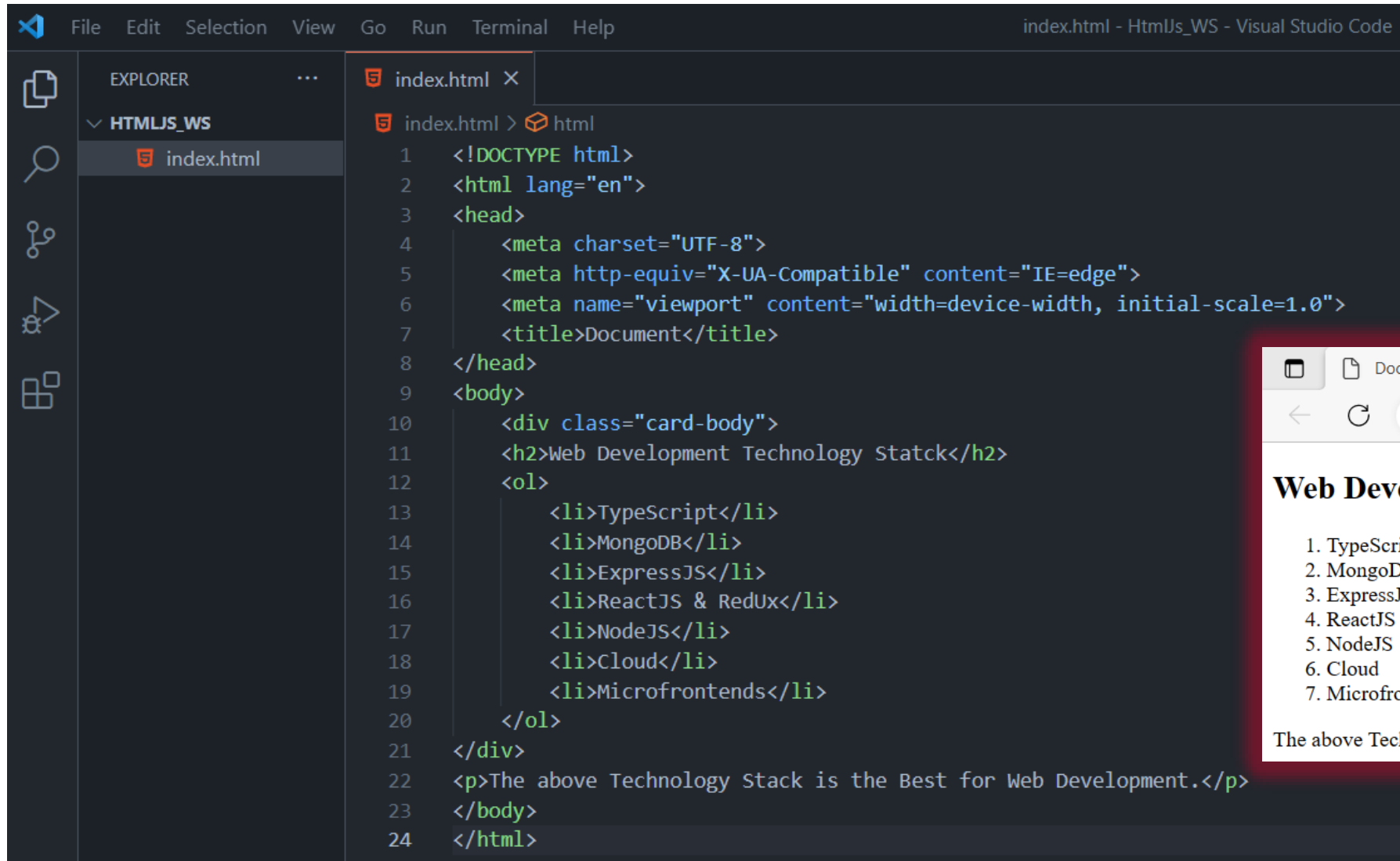
`</html>`

- ✓ **<!DOCTYPE html>** - This tag specifies language we use on the page. In this case, language is HTML 5.
- ✓ **<html>** - This tag signals that from here on we are going to write HTML code.
- ✓ **<head>** - This is where all the metadata for the page goes. stuff mostly meant for search engines(Digital Marketing) and other computer programs.
- ✓ **<body>** - This is where the content of web page goes.

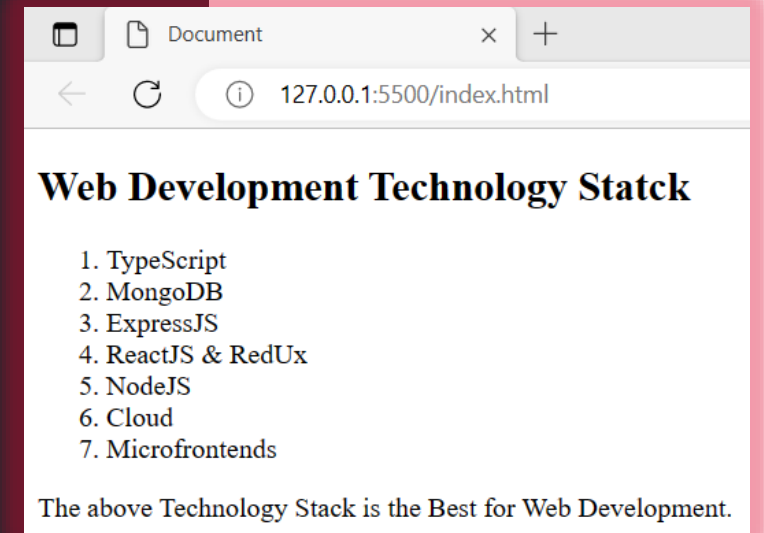
div Tag

- div tag is known as the division tag.
- div tag is applied to create content segmentation in a web page, such as images, text, headers, footers, navigation bars, etc.
- <div> tag contains opening and a closing tag.
- <div> tag helps developers to create different data blocks
- Example:
 <div class="">
 </div>

div Tag - Demo



```
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4   <meta charset="UTF-8">
5   <meta http-equiv="X-UA-Compatible" content="IE=edge">
6   <meta name="viewport" content="width=device-width, initial-scale=1.0">
7   <title>Document</title>
8 </head>
9 <body>
10  <div class="card-body">
11    <h2>Web Development Technology Statck</h2>
12    <ol>
13      <li>TypeScript</li>
14      <li>MongoDB</li>
15      <li>ExpressJS</li>
16      <li>ReactJS & RedUx</li>
17      <li>NodeJS</li>
18      <li>Cloud</li>
19      <li>Microfrontends</li>
20    </ol>
21  </div>
22  <p>The above Technology Stack is the Best for Web Development.</p>
23 </body>
24 </html>
```



Heading Tag

- HTML provides six headings levels, represented by the `<h1>`, `<h2>`, `<h3>`, `<h4>`, `<h5>`, `<h6>` tags.
- `<h1>` tag represents highest heading level, `<h6>` tag represents lowest level.
- Heading tags are used to create headings and subheadings in an HTML document.

The image displays a development environment with Visual Studio Code on the left and a web browser on the right. The VS Code editor shows the `index.html` file with the following HTML code:

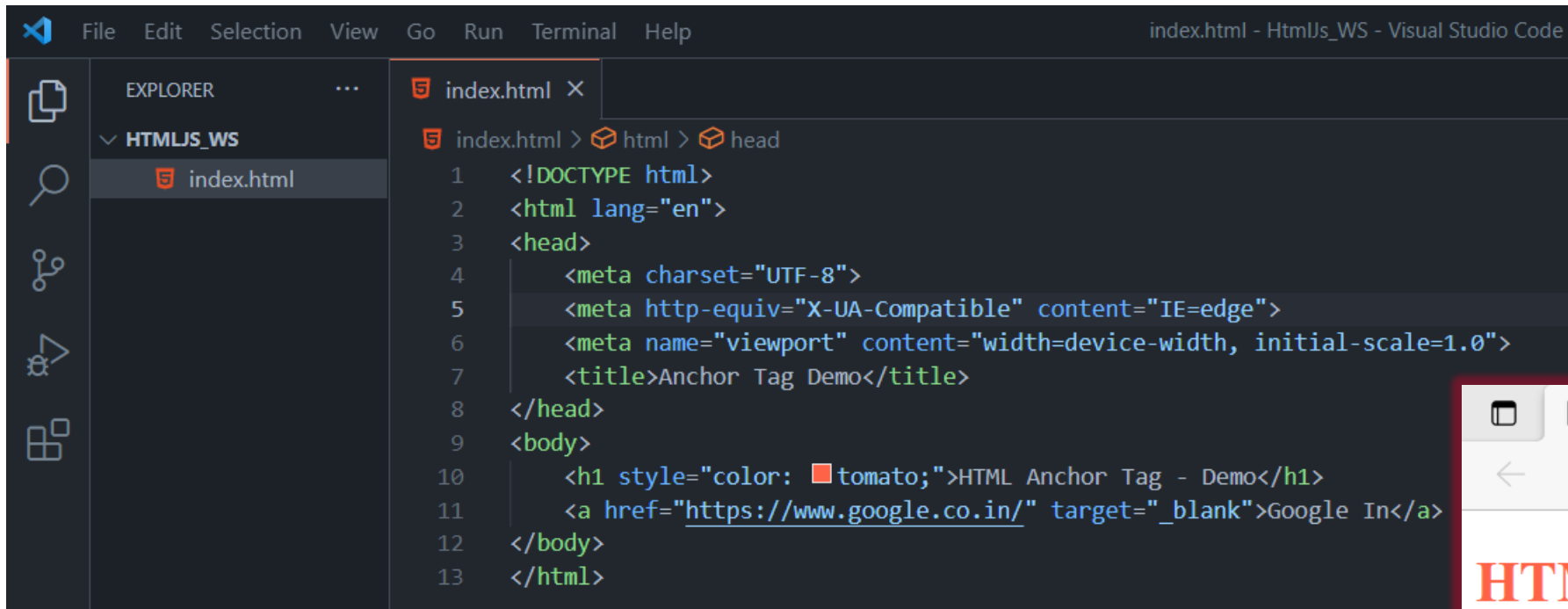
```
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4   <meta charset="UTF-8">
5   <meta http-equiv="X-UA-Compatible" content="IE=edge">
6   <meta name="viewport" content="width=device-width, initial-scale=1.0">
7   <title>Heading Tag Demo</title>
8 </head>
9 <body>
10  <h1>Main Heading</h1>
11  <h2>Subheading</h2>
12  <h3>Heading Level 3</h3>
13  <h4>Heading Level 4</h4>
14  <h5>Heading Level 5</h5>
15  <h6>Heading Level 6</h6>
16 </body>
17 </html>
```

The web browser on the right, titled "Heading Tag Demo", shows the rendered output of the HTML code. The address bar indicates the URL `127.0.0.1:5500/index.html`. The rendered page displays the following headings:

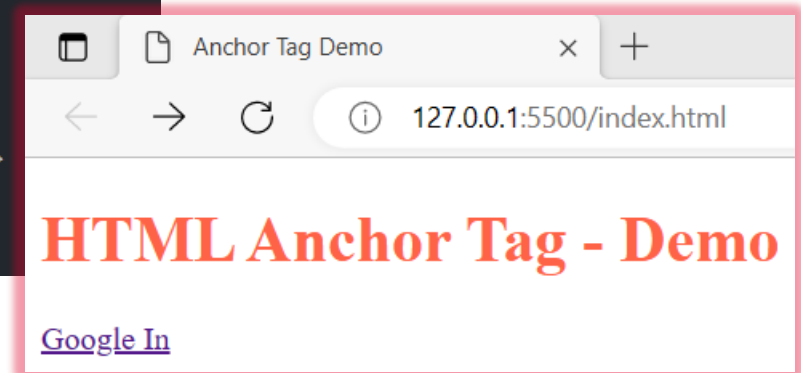
- Main Heading** (h1)
- Subheading** (h2)
- Heading Level 3** (h3)
- Heading Level 4** (h4)
- Heading Level 5** (h5)
- Heading Level 6** (h6)

Anchor Tag

- The anchor tag is also known as a HyperLink
- Primary purpose of an anchor tag is to link one page to another page
- `Website To be Linked`
- Example
 - `Google In`



```
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4   <meta charset="UTF-8">
5   <meta http-equiv="X-UA-Compatible" content="IE=edge">
6   <meta name="viewport" content="width=device-width, initial-scale=1.0">
7   <title>Anchor Tag Demo</title>
8 </head>
9 <body>
10   <h1 style="color: tomato;">HTML Anchor Tag - Demo</h1>
11   <a href="https://www.google.co.in/" target="_blank">Google In</a>
12 </body>
13 </html>
```



[illegible]

```
color: tomato;">HTML Anchor Tag - Demo</h1>
react">What is React?</a>
<br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br>
<br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br>
act">
t is React?</h2>

React lets you build user interfaces out of individual pieces called components.
Create your own React components like Thumbnail, LikeButton, and Video.
Combine them into entire screens, pages, and apps.
```

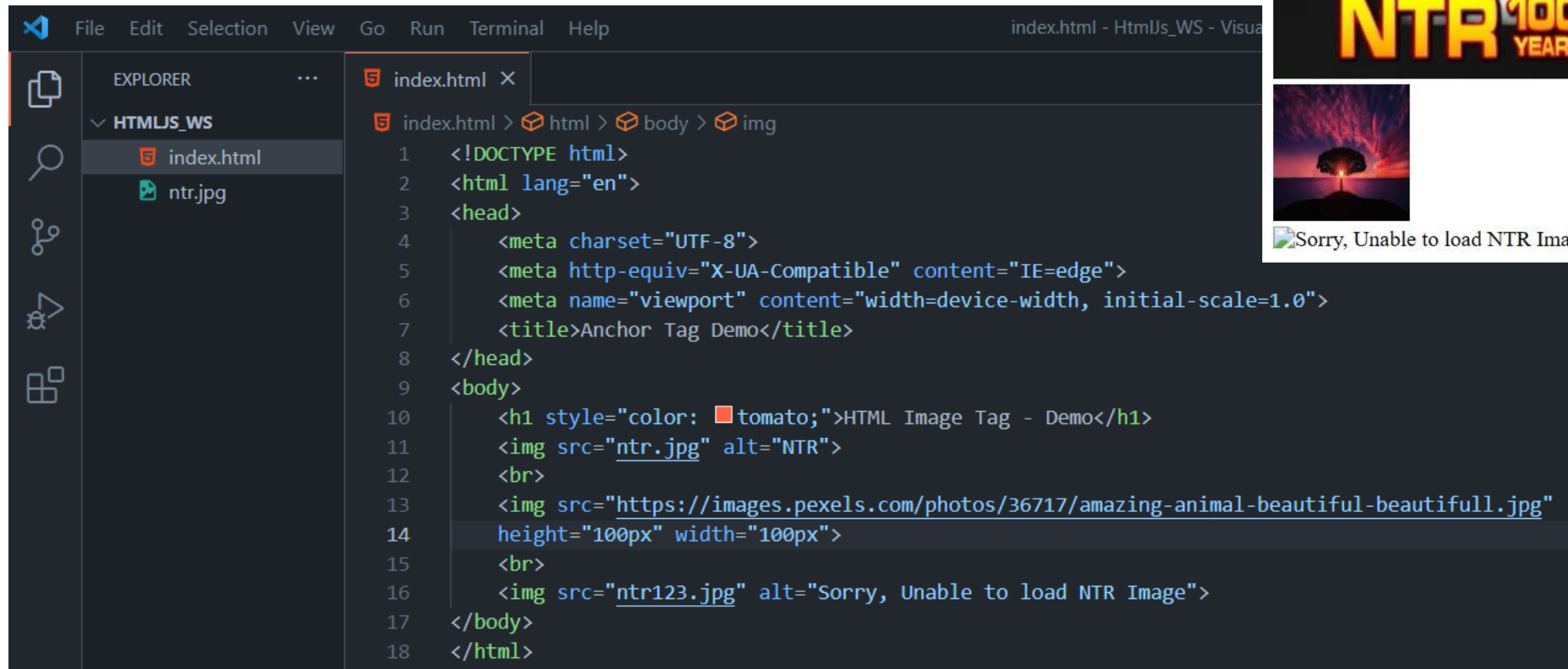
React lets you build user interfaces out of individual pieces called components. Create your own React components like Thumbnail, LikeButton, and Video. Then combine them into entire screens, pages, and apps.

img Tag

- `` tag used to insert pictures into web page.
- `` tag does not have ending tag (i.e., no ``).
- The syntax of using `` tag is:
- ``
- Example
 - ``
 - ``
 - ``

img Tag - Demo

HTML Image Tag - Demo



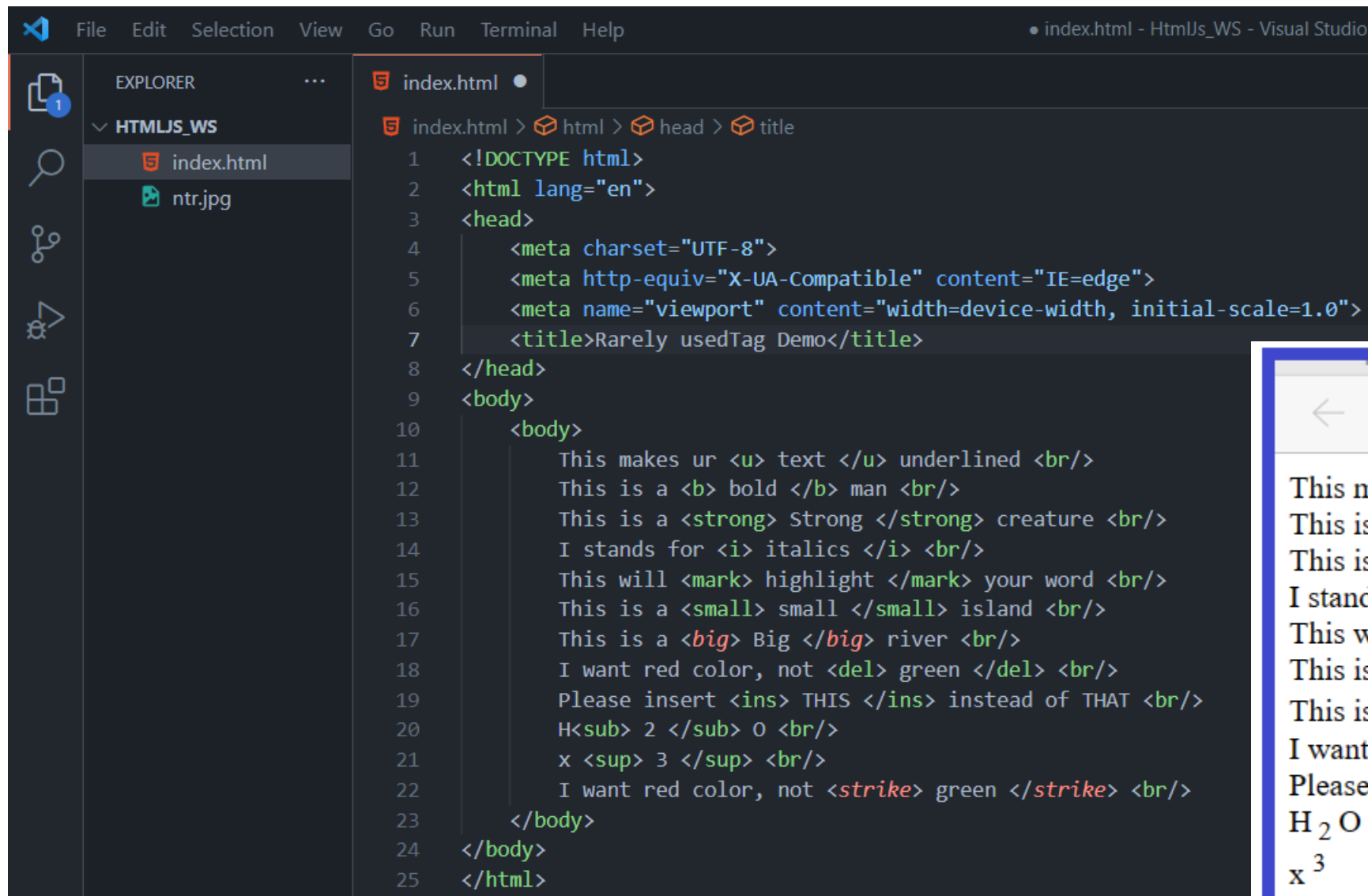
The image shows a web browser window at the top right displaying a demo page. Below it is a code editor window showing the HTML source code. The code defines a page titled "Anchor Tag Demo" with a tomato-colored header. It contains three image tags: one for "NTR" (ntr.jpg), one for a sunset image (a URL from pexels), and one that fails to load (ntr123.jpg) with an alt text "Sorry, Unable to load NTR Image".

```
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4   <meta charset="UTF-8">
5   <meta http-equiv="X-UA-Compatible" content="IE=edge">
6   <meta name="viewport" content="width=device-width, initial-scale=1.0">
7   <title>Anchor Tag Demo</title>
8 </head>
9 <body>
10  <h1 style="color: tomato;">HTML Image Tag - Demo</h1>
11  
12  <br>
13  
15  <br>
16  
17 </body>
18 </html>
```



Sorry, Unable to load NTR Image

Other Rarely Used Tags - Demo



```
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4   <meta charset="UTF-8">
5   <meta http-equiv="X-UA-Compatible" content="IE=edge">
6   <meta name="viewport" content="width=device-width, initial-scale=1.0">
7   <title>Rarely usedTag Demo</title>
8 </head>
9 <body>
10   <body>
11     This makes ur <u> text </u> underlined <br/>
12     This is a <b> bold </b> man <br/>
13     This is a <strong> Strong </strong> creature <br/>
14     I stands for <i> italics </i> <br/>
15     This will <mark> highlight </mark> your word <br/>
16     This is a <small> small </small> island <br/>
17     This is a <big> Big </big> river <br/>
18     I want red color, not <del> green </del> <br/>
19     Please insert <ins> THIS </ins> instead of THAT <br/>
20     H<sub> 2 </sub> O <br/>
21     x <sup> 3 </sup> <br/>
22     I want red color, not <strike> green </strike> <br/>
23   </body>
24 </body>
25 </html>
```

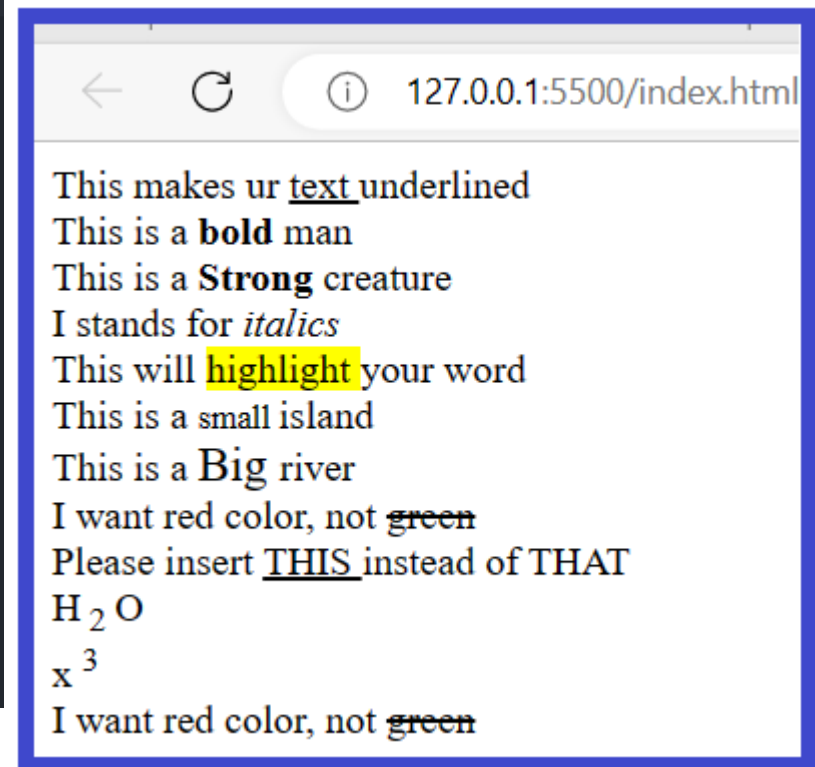
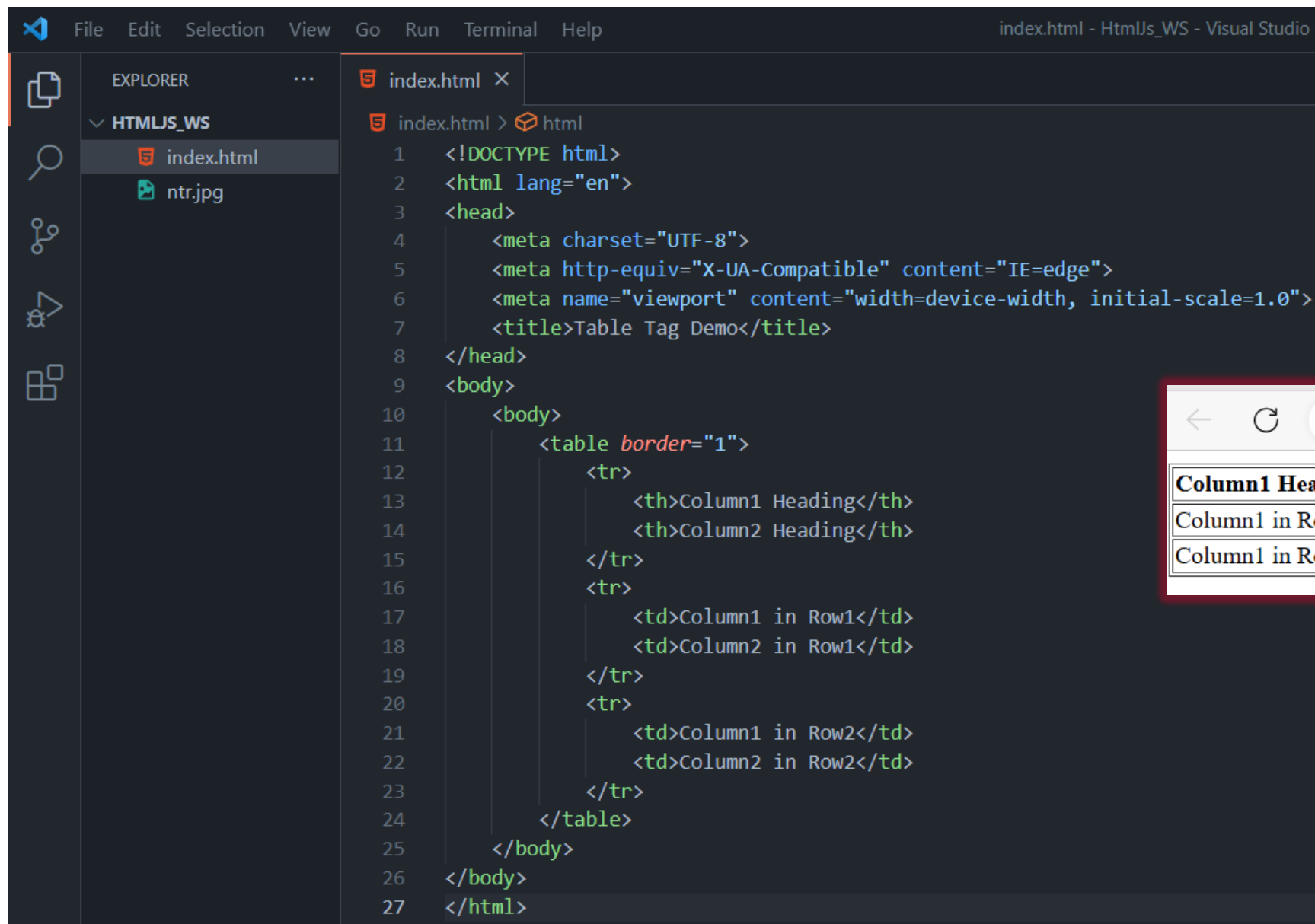
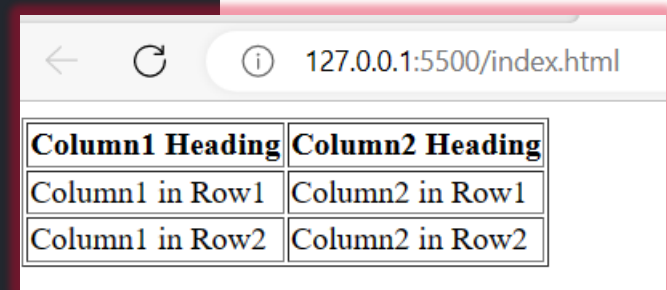


Table Tag - Demo



The screenshot shows the Visual Studio Code editor with a file named `index.html` open. The code is as follows:

```
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4   <meta charset="UTF-8">
5   <meta http-equiv="X-UA-Compatible" content="IE=edge">
6   <meta name="viewport" content="width=device-width, initial-scale=1.0">
7   <title>Table Tag Demo</title>
8 </head>
9 <body>
10   <body>
11     <table border="1">
12       <tr>
13         <th>Column1 Heading</th>
14         <th>Column2 Heading</th>
15       </tr>
16       <tr>
17         <td>Column1 in Row1</td>
18         <td>Column2 in Row1</td>
19       </tr>
20       <tr>
21         <td>Column1 in Row2</td>
22         <td>Column2 in Row2</td>
23       </tr>
24     </table>
25   </body>
26 </body>
27 </html>
```



The screenshot shows a web browser window with the address bar displaying `127.0.0.1:5500/index.html`. The rendered table is as follows:

Column1 Heading	Column2 Heading
Column1 in Row1	Column2 in Row1
Column1 in Row2	Column2 in Row2

HTML Web Form Tags

- Web Forms is a part of an HTML document containing HTML form elements such as input, select, checkboxes, radio, buttons, etc.
- Users complete a form by entering texts, selecting options form elements before submitting the form for processing.

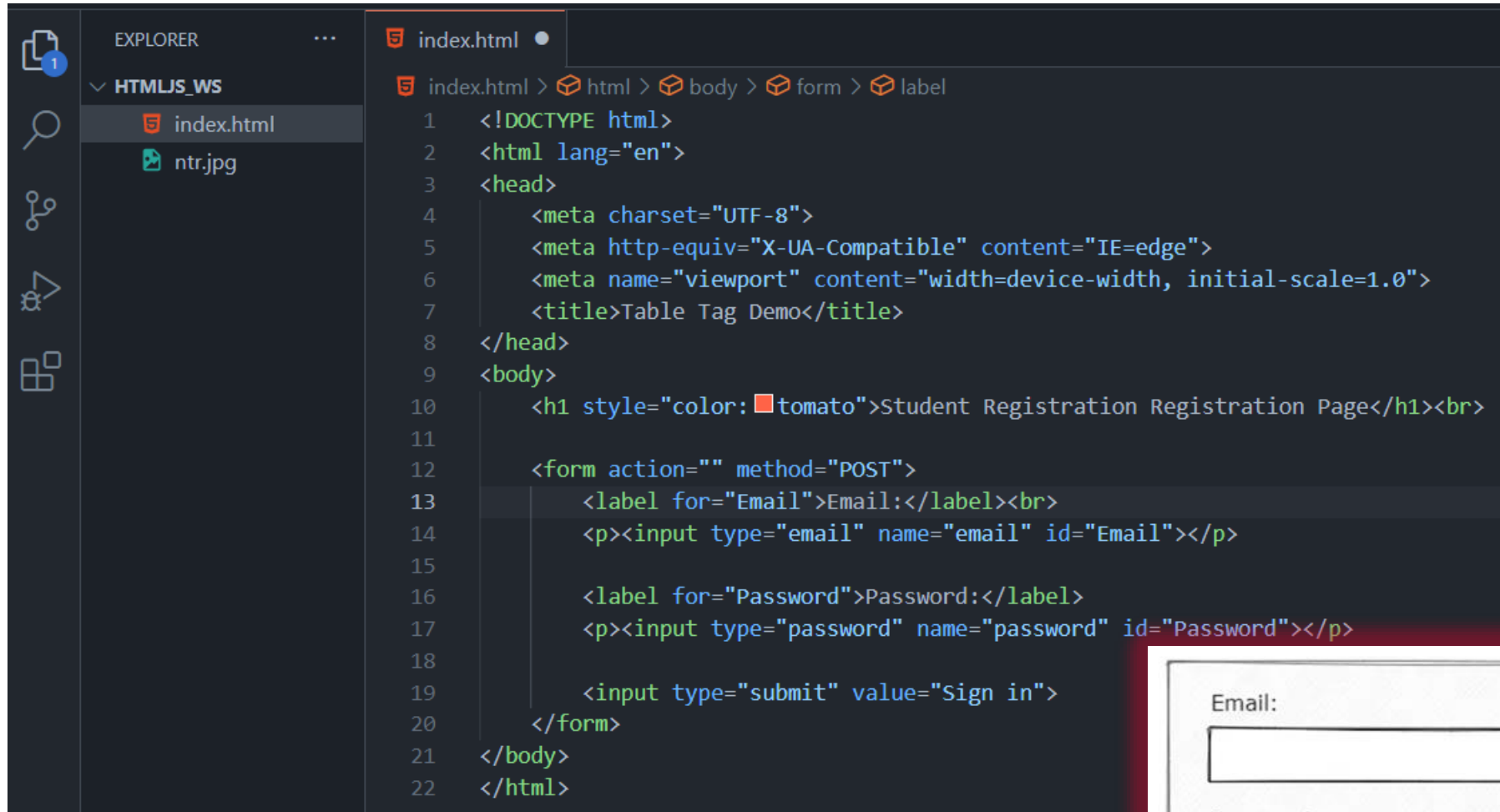
Creating Forms

- `<form>` tag in HTML is used to define the form in an HTML document.
- `<form>` tag is a container for all input elements used within form tag to obtain user input.

Syntax:

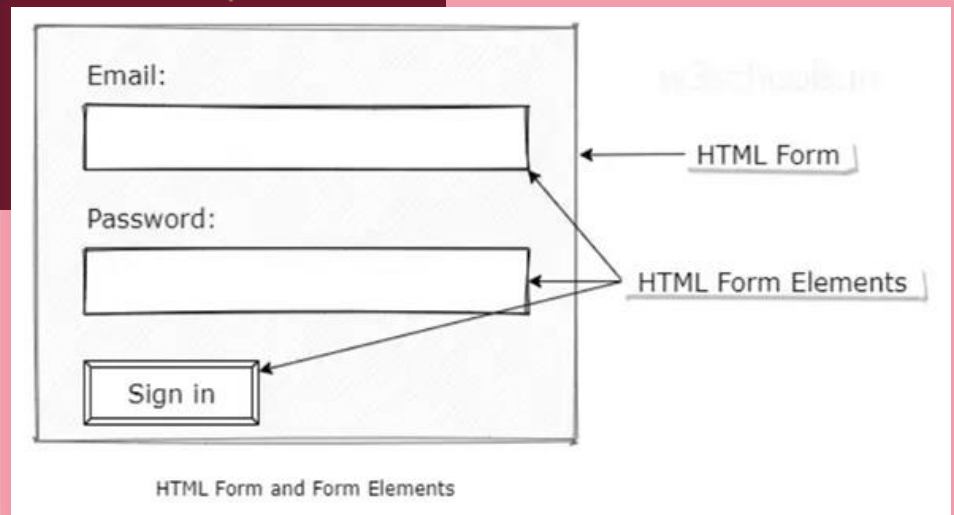
```
<form>  
<!-- HTML Form Element -->  
</form>
```

HTML Web Form Tags - Demo



The screenshot shows a code editor with a file explorer on the left and a code editor on the right. The file explorer shows a project named 'HTMLJS_WS' with two files: 'index.html' and 'ntr.jpg'. The code editor shows the content of 'index.html' with the following code:

```
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4   <meta charset="UTF-8">
5   <meta http-equiv="X-UA-Compatible" content="IE=edge">
6   <meta name="viewport" content="width=device-width, initial-scale=1.0">
7   <title>Table Tag Demo</title>
8 </head>
9 <body>
10  <h1 style="color: tomato">Student Registration Registration Page</h1><br>
11
12  <form action="" method="POST">
13    <label for="Email">Email:</label><br>
14    <p><input type="email" name="email" id="Email"></p>
15
16    <label for="Password">Password:</label>
17    <p><input type="password" name="password" id="Password"></p>
18
19    <input type="submit" value="Sign in">
20  </form>
21 </body>
22 </html>
```



student_registration.html

Student Registration Page

First Name	<input type="text"/>
Last Name:	<input type="text"/>
Gender:	<input type="radio"/> Male <input type="radio"/> Female
Contact Number	<input type="text"/>
Email Id	<input type="text"/>
Address:	<input type="text" value="Address..."/>
City	<input type="text" value="Bengaluru"/>
State	<input type="text" value="Karnataka"/>
Course your interested:	<input type="checkbox"/> Python <input type="checkbox"/> Big Data <input type="checkbox"/> Data Science
User Name	<input type="text"/>
Password	<input type="text"/>
Reset	<input type="button" value="Reset"/>
Submit	<input type="button" value="Register"/>

```
<input type="text" name="first_name">
```

```
<input type="text" name="last_name">
```

```
<input type="radio" name="gender" value="male">
```

```
<label>Male</label><br>
```

```
<input type="radio" name="gender" value="female">
```

```
<label>Female</label><br>
```

```
<input type="text" name="contactnumber">
```

```
<input type="text" name="emailid">
```

```
<textarea name="address" rows="4" cols="50">Address</textarea>
```

```
<select name="city">
```

```
  <option value="bengaluru">Bengaluru</option>
```

```
  <option value="chennai">Chennai</option>
```

```
  <option value="hyderabad">Hyderabad</option>
```

```
  <option value="amaravathi">Amaravathi</option>
```

```
  <option value="Mubai">Mumbai</option>
```

```
</select>
```

```
<input type="checkbox" name="python" value="Python">
```

```
<label>Python</label><br>
```

```
<input type="checkbox" name="bigdata" value="Bigdata">
```

```
<label>Big Data</label><br>
```

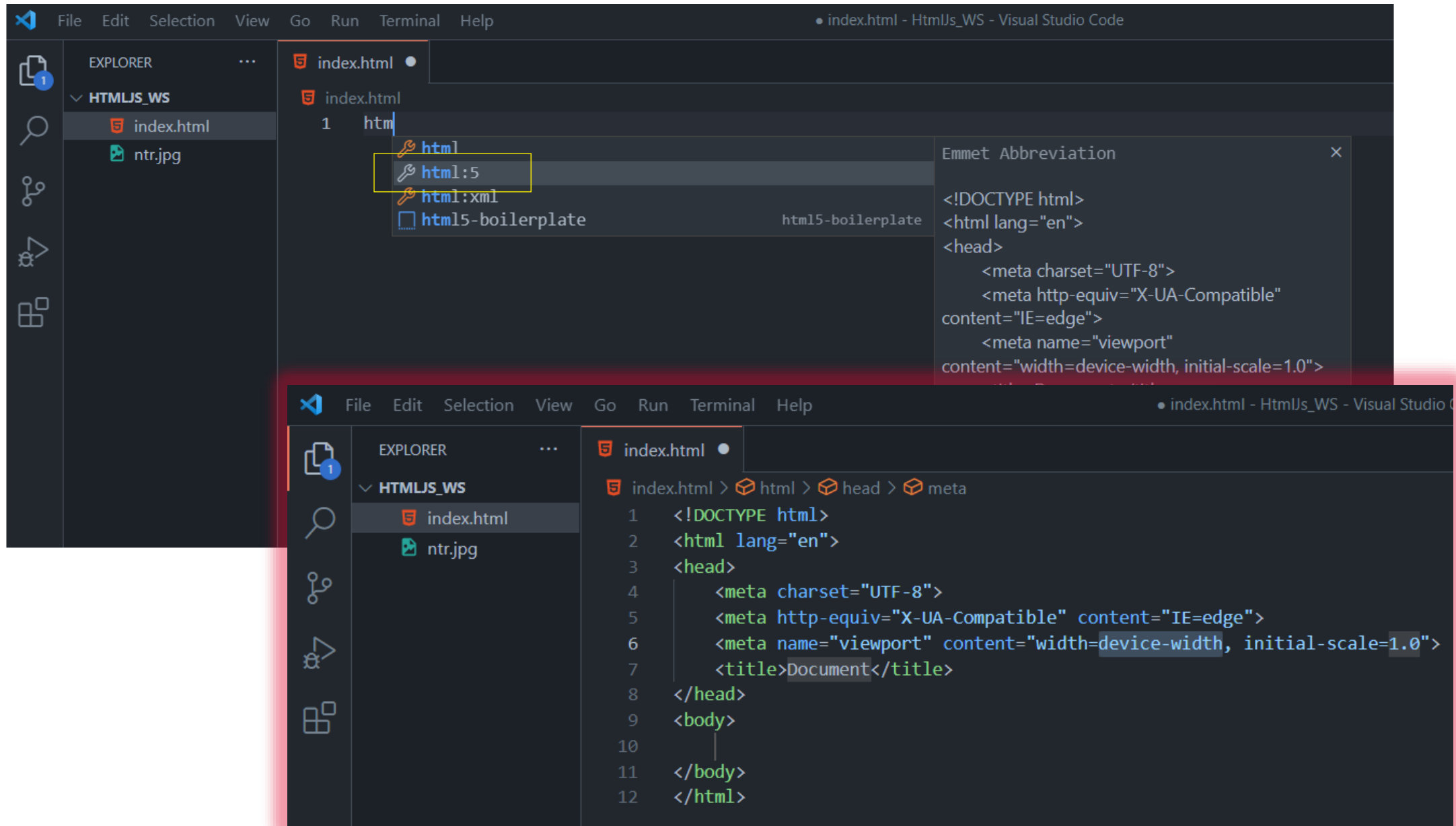
```
<input type="checkbox" name="datascience" value="Data Science">
```

```
<label>Data Science</label><br>
```

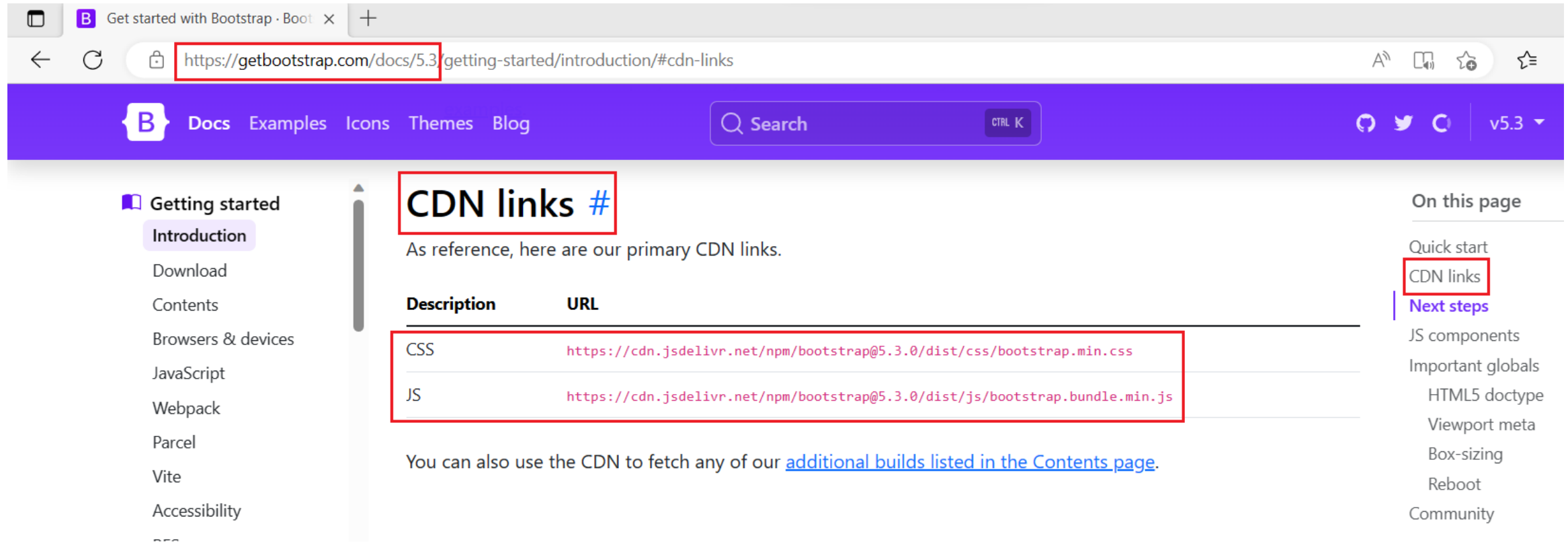
Working with Bootstrap 5



Creating HTML5 Document



Including Bootstrap CDN, Popper



The screenshot shows the Bootstrap 5.3 documentation page for CDN links. The browser's address bar shows the URL `https://getbootstrap.com/docs/5.3/getting-started/introduction/#cdn-links`. The page has a purple header with navigation links: Docs, Examples, Icons, Themes, and Blog. A search bar is also present. On the left, a sidebar lists sections under 'Getting started', with 'Introduction' highlighted. The main content area features the heading 'CDN links #' and a paragraph stating, 'As reference, here are our primary CDN links.' Below this is a table with two columns: 'Description' and 'URL'. The table lists two entries: 'CSS' with the URL `https://cdn.jsdelivr.net/npm/bootstrap@5.3.0/dist/css/bootstrap.min.css` and 'JS' with the URL `https://cdn.jsdelivr.net/npm/bootstrap@5.3.0/dist/js/bootstrap.bundle.min.js`. A note below the table says, 'You can also use the CDN to fetch any of our [additional builds listed in the Contents page](#).' On the right, a 'On this page' section lists links: Quick start, CDN links, Next steps, JS components, Important globals, HTML5 doctype, Viewport meta, Box-sizing, Reboot, and Community.

Get started with Bootstrap · Bootstrap 5

https://getbootstrap.com/docs/5.3/getting-started/introduction/#cdn-links

Docs Examples Icons Themes Blog Search CTRL K v5.3

Getting started

- Introduction
- Download
- Contents
- Browsers & devices
- JavaScript
- Webpack
- Parcel
- Vite
- Accessibility

CDN links

As reference, here are our primary CDN links.

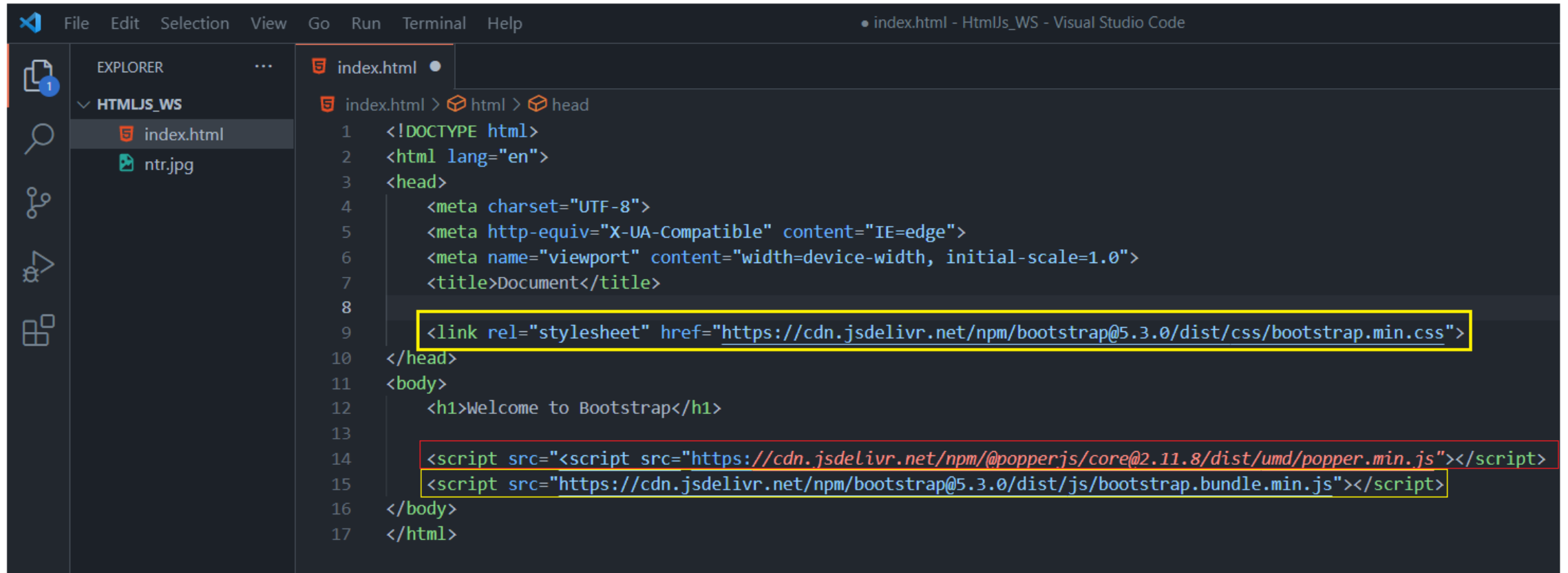
Description	URL
CSS	<code>https://cdn.jsdelivr.net/npm/bootstrap@5.3.0/dist/css/bootstrap.min.css</code>
JS	<code>https://cdn.jsdelivr.net/npm/bootstrap@5.3.0/dist/js/bootstrap.bundle.min.js</code>

You can also use the CDN to fetch any of our [additional builds listed in the Contents page](#).

On this page

- Quick start
- CDN links
- Next steps
- JS components
- Important globals
 - HTML5 doctype
 - Viewport meta
 - Box-sizing
- Reboot
- Community

Including Bootstrap CDN, Popper in HTML



The image shows a screenshot of the Visual Studio Code editor interface. The Explorer sidebar on the left shows a project named 'HTMLJS_WS' containing 'index.html' and 'ntr.jpg'. The main editor area displays the content of 'index.html'. The code is an HTML document with the following structure:

```
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4   <meta charset="UTF-8">
5   <meta http-equiv="X-UA-Compatible" content="IE=edge">
6   <meta name="viewport" content="width=device-width, initial-scale=1.0">
7   <title>Document</title>
8
9   <link rel="stylesheet" href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.0/dist/css/bootstrap.min.css">
10 </head>
11 <body>
12   <h1>Welcome to Bootstrap</h1>
13
14   <script src="https://cdn.jsdelivr.net/npm/@popperjs/core@2.11.8/dist/umd/popper.min.js"></script>
15   <script src="https://cdn.jsdelivr.net/npm/bootstrap@5.3.0/dist/js/bootstrap.bundle.min.js"></script>
16 </body>
17 </html>
```

The code is highlighted with yellow and red boxes. The yellow boxes highlight the Bootstrap CSS link (line 9) and the Bootstrap JS bundle script (line 15). The red box highlights the Popper.js script (line 14).