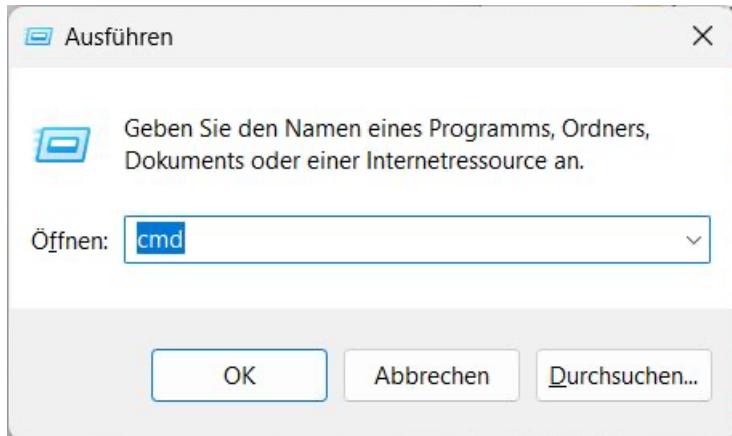


# Start Command Line

Press the keys Windows + R

Type cmd



A new window appears:

## Create folder for development environment.

Enter the following commands:

```
C:  
cd \  
mkdir \Coding4Beginner  
cd \Coding4Beginner
```

Enter the following command:

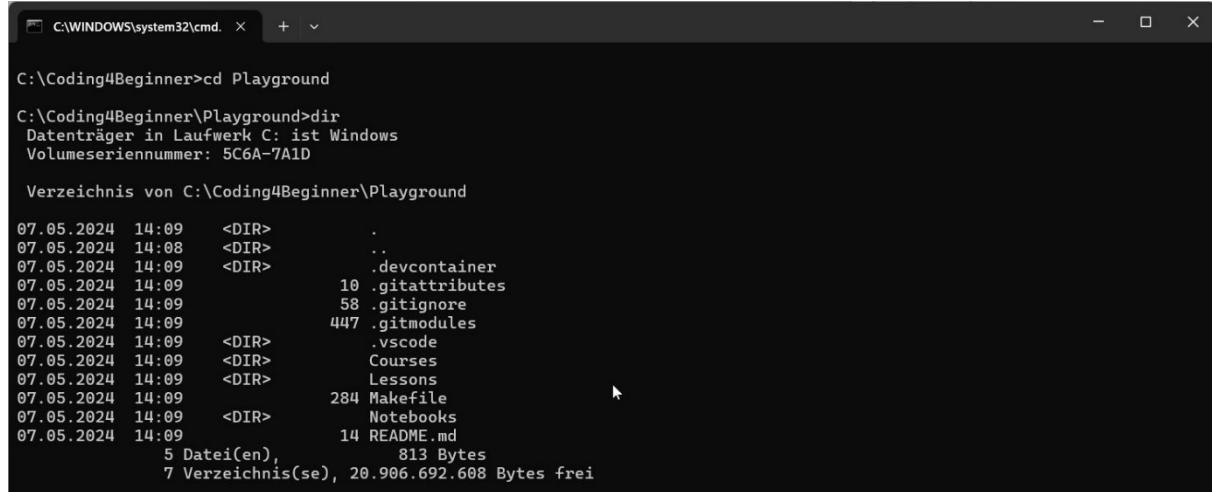
```
git clone https://github.com/coding4beginner/Playground
```

```
C:\Coding4Beginner>git clone https://github.com/coding4beginner/Playground
Cloning into 'Playground'...
remote: Enumerating objects: 1159, done.
remote: Counting objects: 100% (104/104), done.
remote: Compressing objects: 100% (68/68), done.
remote: Total 1159 (delta 35), reused 96 (delta 27), pack-reused 1055
Receiving objects: 100% (1159/1159), 76.47 MiB | 20.18 MiB/s, done.
Resolving deltas: 100% (81/81), done.

C:\Coding4Beginner>
```

Change to new folder and view content.

```
cd Playground
dir
```



```
C:\WINDOWS\system32\cmd. × + ▾

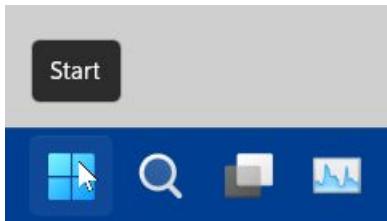
C:\Coding4Beginner>cd Playground
C:\Coding4Beginner\Playground>dir
Datenträger in Laufwerk C: ist Windows
Volumeseriennummer: 5C6A-7A1D

Verzeichnis von C:\Coding4Beginner\Playground

07.05.2024 14:09    <DIR>      .
07.05.2024 14:08    <DIR>      ..
07.05.2024 14:09    <DIR>      .devcontainer
07.05.2024 14:09                10 .gitattributes
07.05.2024 14:09                58 .gitignore
07.05.2024 14:09                447 .gitmodules
07.05.2024 14:09    <DIR>      .vscode
07.05.2024 14:09    <DIR>      Courses
07.05.2024 14:09    <DIR>      Lessons
07.05.2024 14:09                284 Makefile
07.05.2024 14:09    <DIR>      Notebooks
07.05.2024 14:09                14 README.md
      5 Datei(en),           813 Bytes
      7 Verzeichnis(se), 20.906.692.608 Bytes frei
```

## Start VS Code

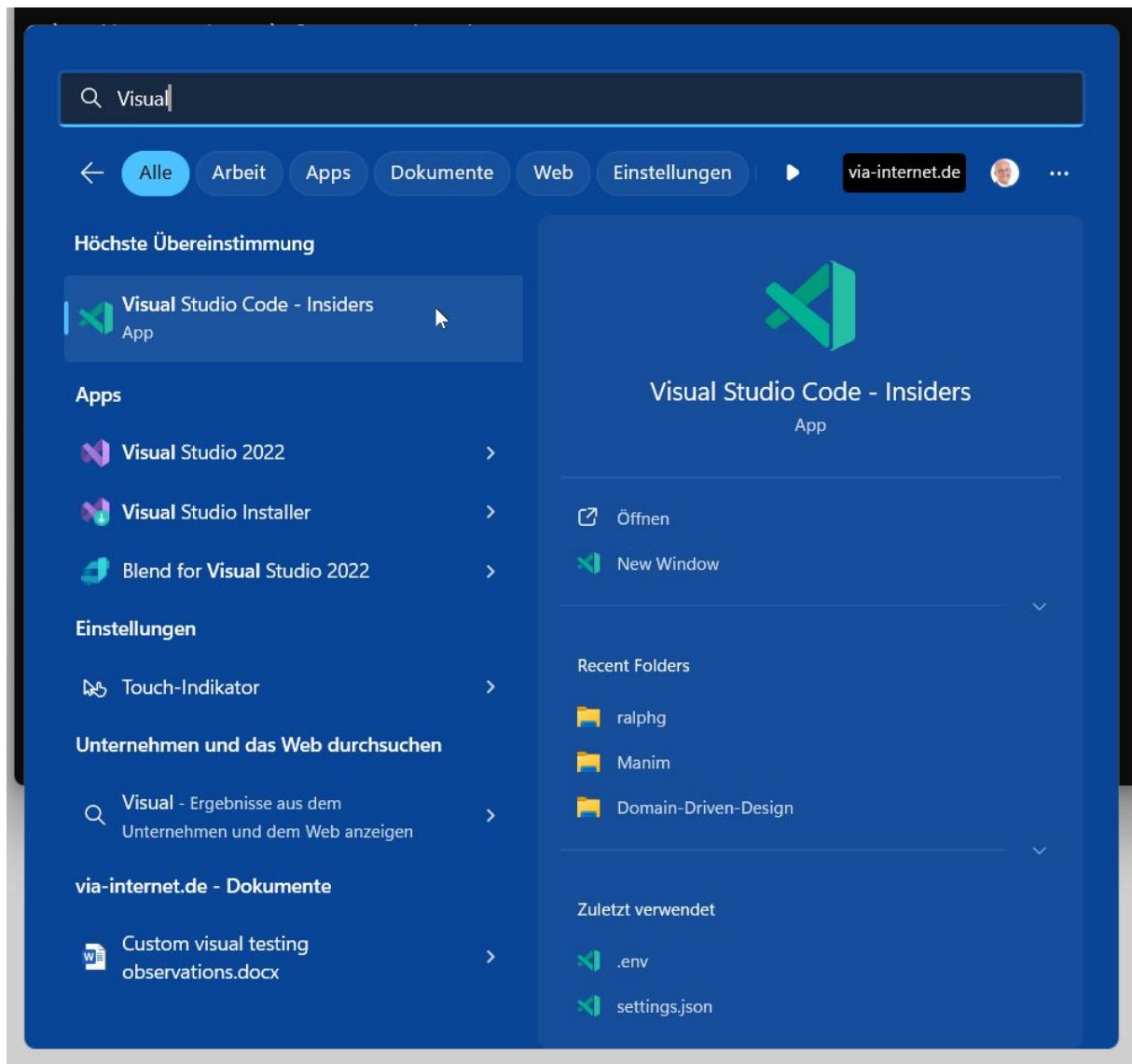
Press the keys CTRL + ESC or open the program menu.



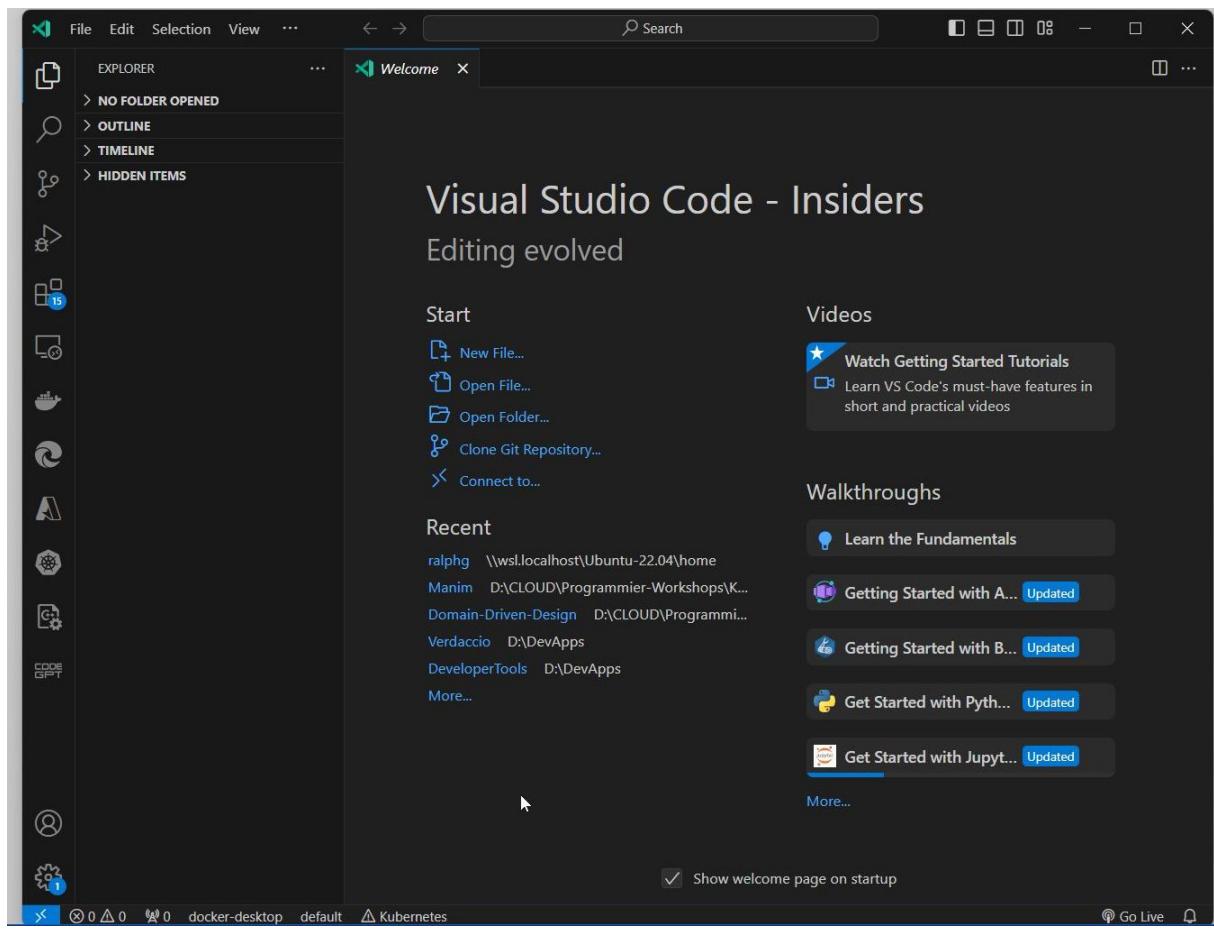
IN the upper input box type “Visual”

Beneath this line, the application Visual Studio Code - Insiders should appear.

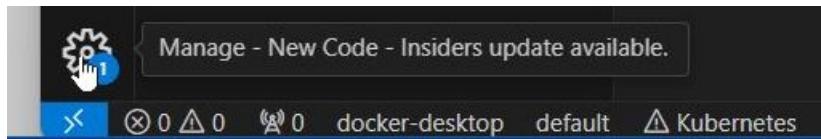
Click on the icon



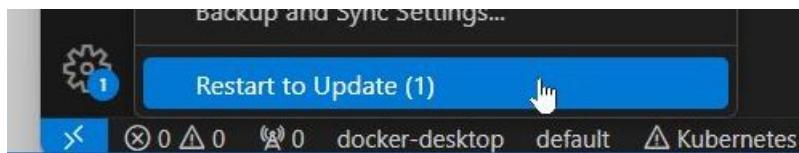
Visual Studio Code should open:



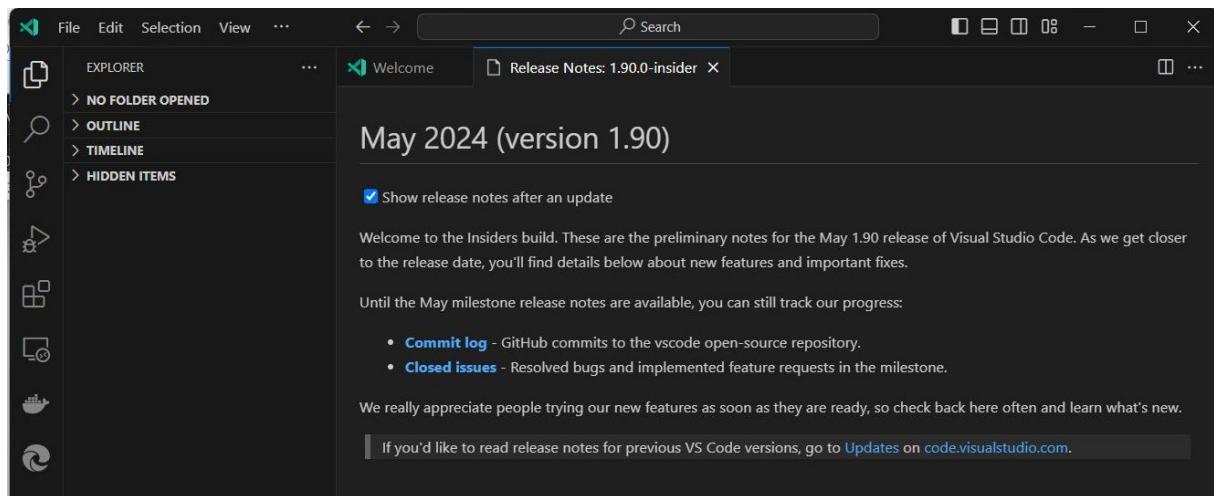
On the lower left, if you see a blue badge with a number, you could update to a new version.



Click on the icon and select Restart to Update



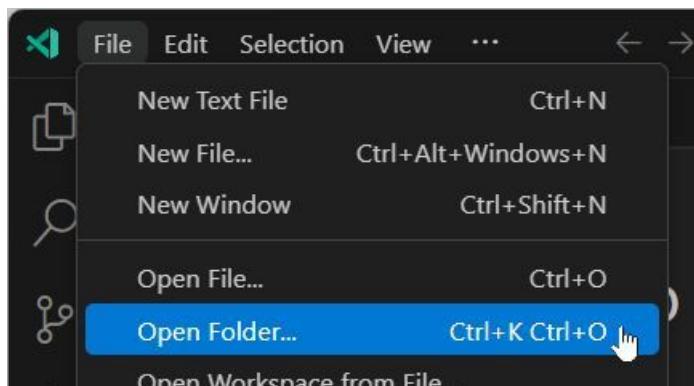
The application should be closed and reopened after a while with the new version information.



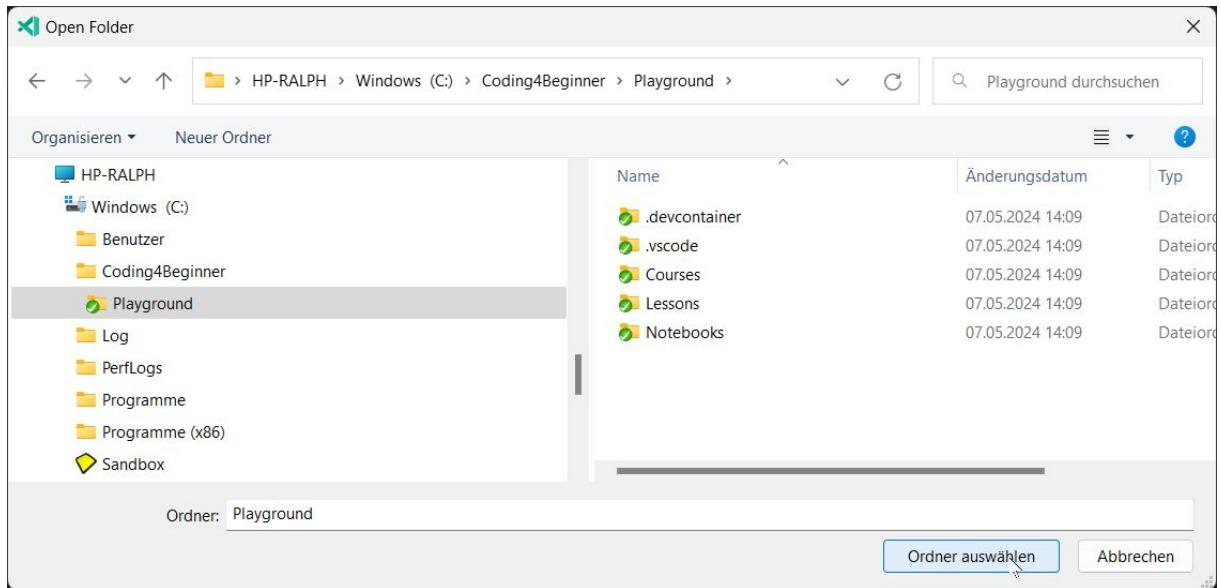
## Open the Repository

Open the created folder.

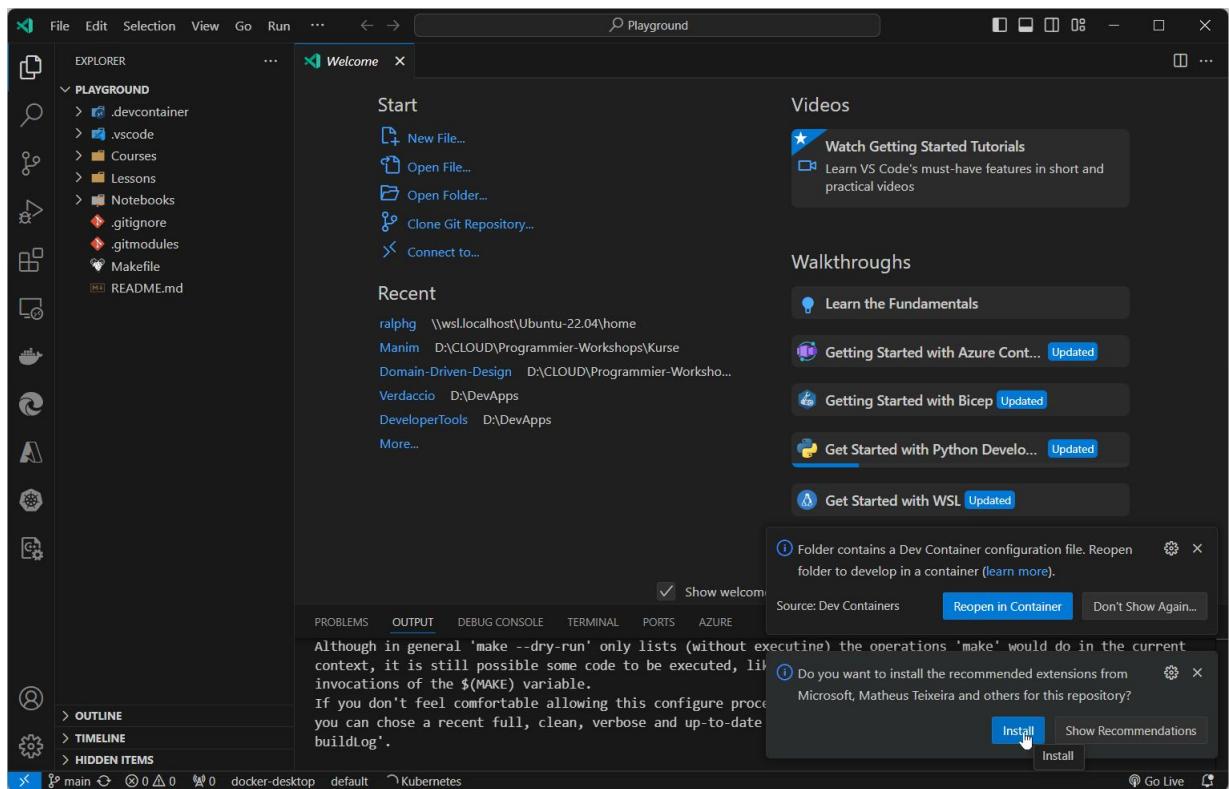
Select File / Open Folder



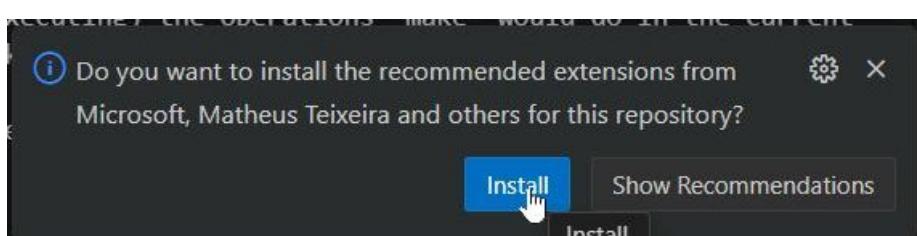
Select the created folder C:\Coding4Beginner



After opening the folder and some time, you see two popups on the lower right side:



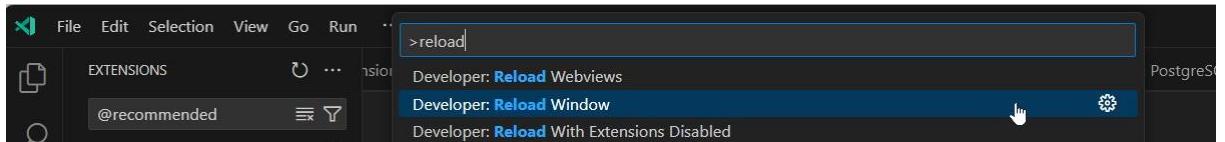
## Install recommended extensions



Click on Install

After a few seconds, restart die application.

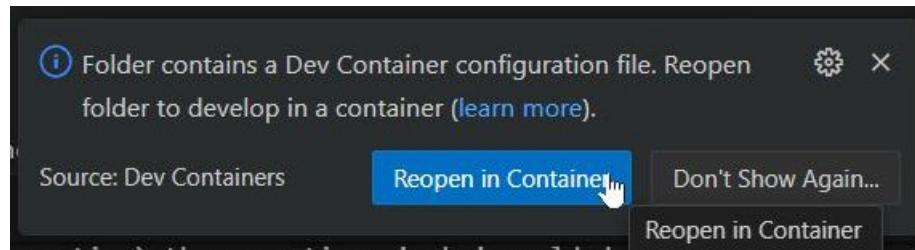
- Either by close the app and open it again
- Or be typing CTRL-SHIT-P and entering Reload in the search field.



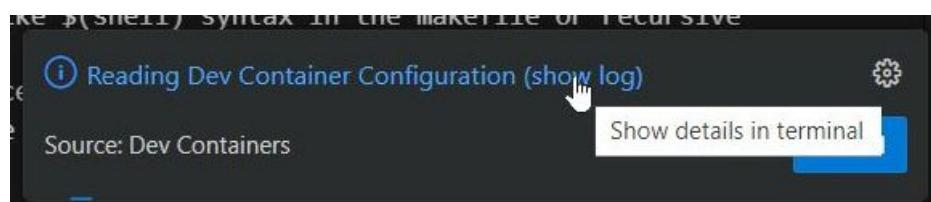
Click on Developer: Reload Window

The application should be closed and reopened after a while.

Then, on the popup, click on Reopen in Container



The application will start with some installation steps, which you can follow by clicking on show log



In the log, you will see the steps, which are executed to install and prepare our development environment.

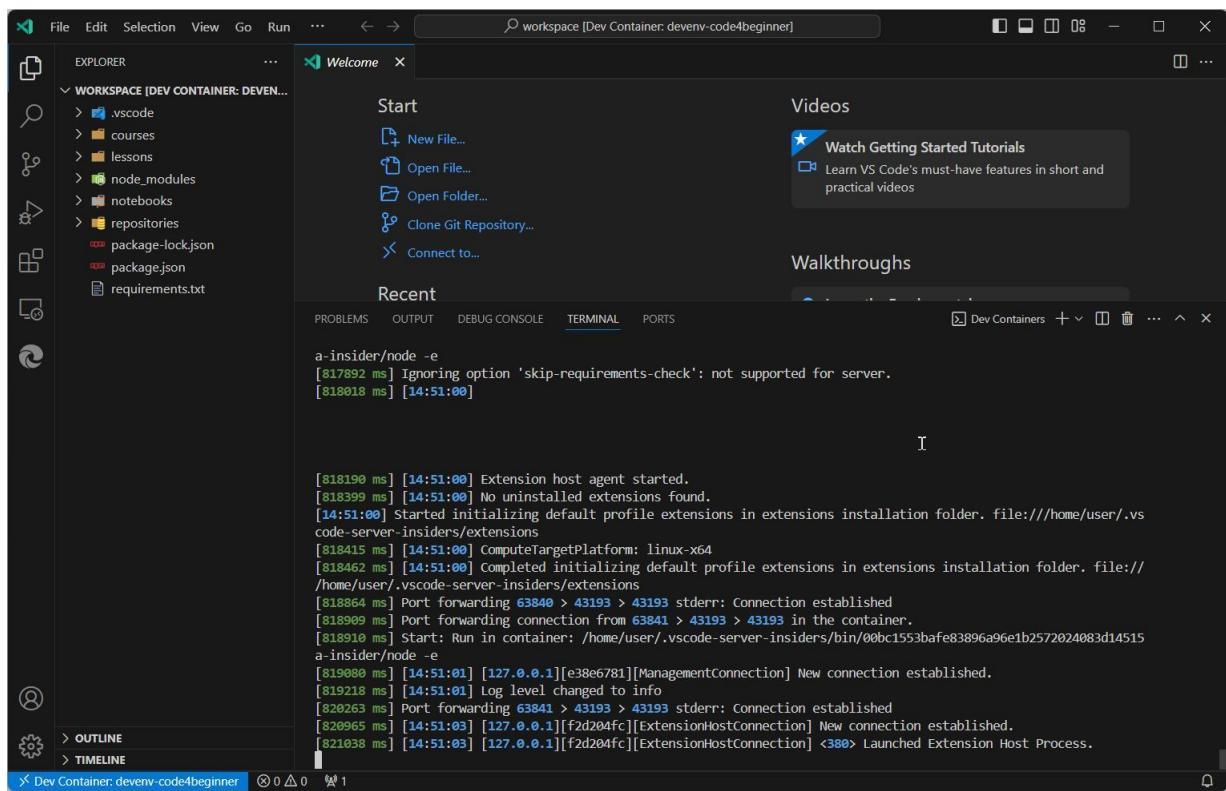
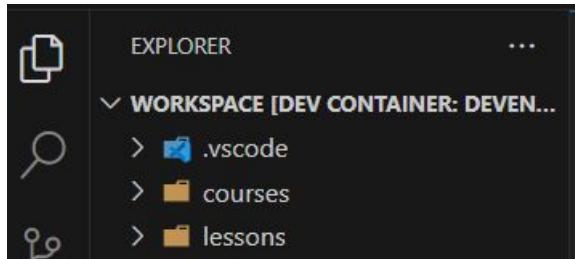
Technically:

We are installing a Linux Distribution (Ubuntu) and install all the required packages (Python, Django, NodeJS, JavaScript, Jupiter) we need for our exercises.

After a long time (maybe more than 20 Minutes, depending on your internet speed), the installation is finished.

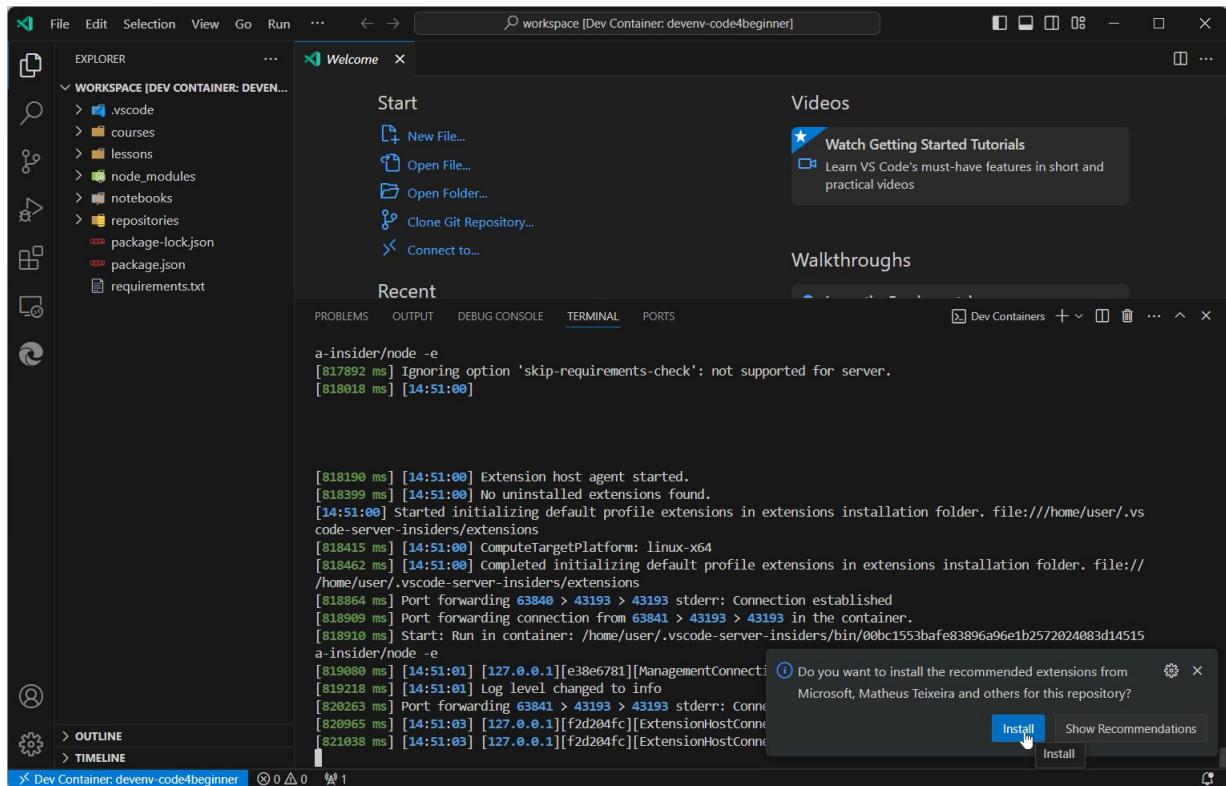
You should see something like this, especially on the upper left under EXPLORER the folder name

WORKSPACE [ DEV CONTAINER: ... ]

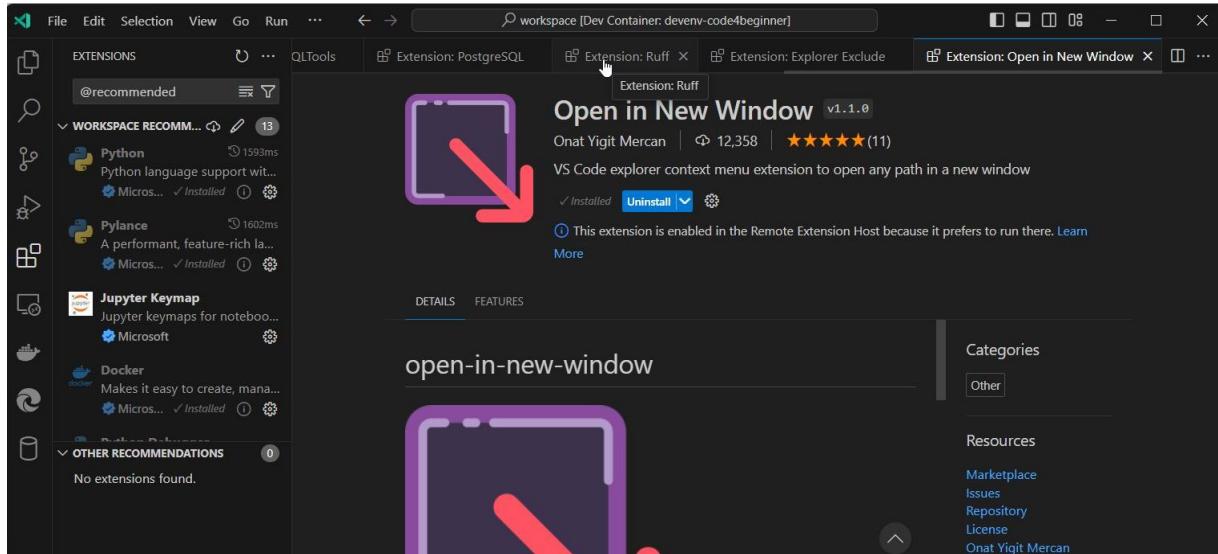


And, again, you should see the pop up for installing recommended extensions,

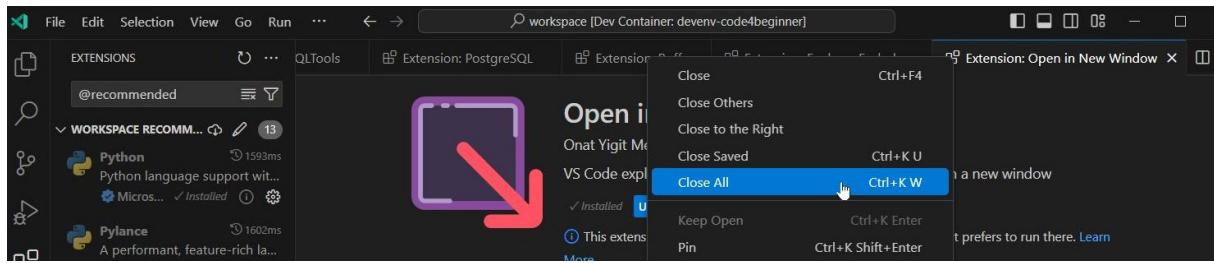
So, click on Install



After this, you should see multiple windows with a register for each installed extension



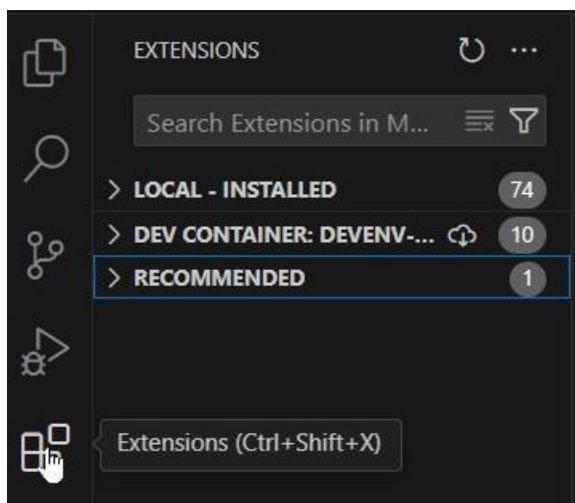
Right-Click on a header of a register and select Close All



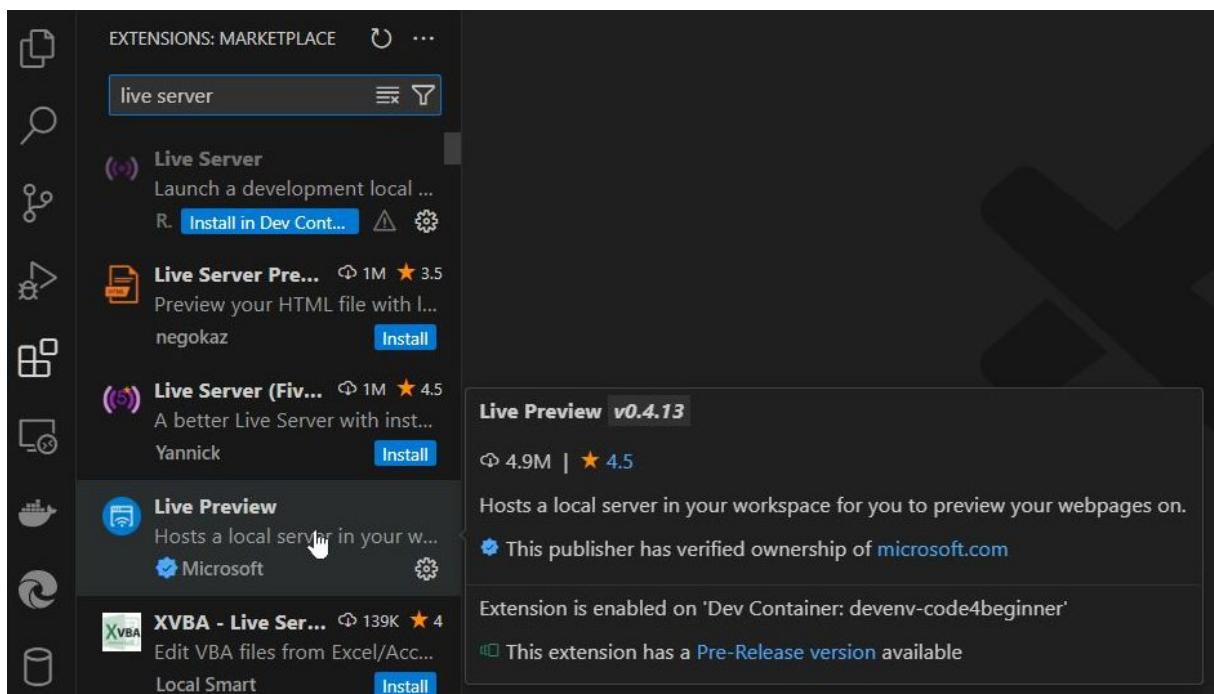
## Check Development Environment

Check, if a required extension is installed.

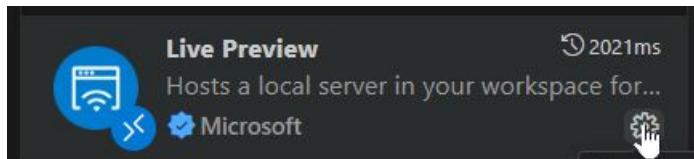
Click on Extensions:



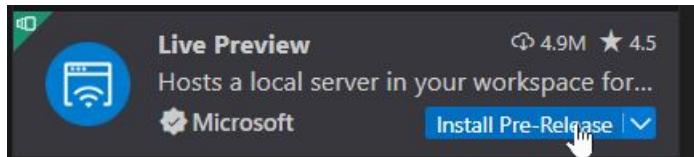
In the upper textbox insert live server



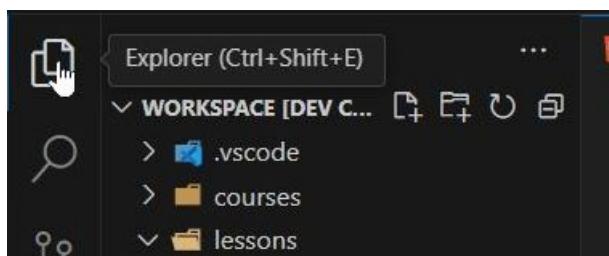
If you find the extension with a configuration icon, everything is good.



If you see an Install Button, then click on Install, Install Pre-Release or Install in Dev-Container



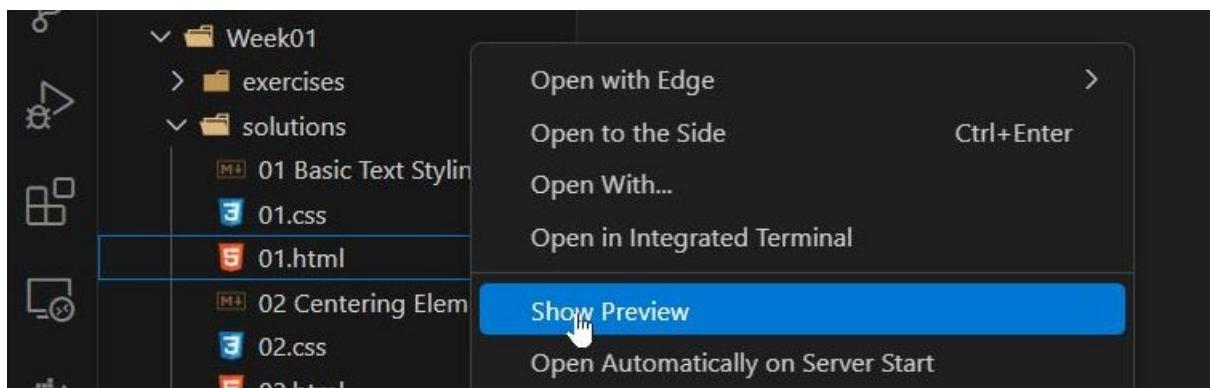
Open the Explorer View



## Preview a file

Navigation to the file lessons/Week01/solutions/01.html

Right-Click on 01.html and select Show Preview



Final Result should be

File Edit Selection View Go Run ... ← → workspace [Dev Container: devenv-code4beginner]

EXPLORER

WORKSPACE [DEV CONTAINER: DEVEN...]

- .vscode
- courses
- lessons
- Week01
- exercises
- solutions
  - 01 Basic Text Styling.md
  - 01.css
  - 01.html
  - 02 Centering Elements.md
  - 02.css
  - 02.html
  - 03 Styling Links.md
  - 03.css
  - 03.html
  - 04 Creating a Sticky Foot...
  - 04.css
  - 04.html
  - 05 Using Flexbox for Navi...
  - 05.css
  - 05.html
  - 06 Custom Checkboxes.md
  - 06.css
  - 06.html
  - 07 Simple Dropdown Me...
  - 07.css
  - 07.html

OUTLINE

TIMELINE

HIDDEN ITEMS

01.html

lessons > Week01 > solutions > 01.html > html

```
1 <html>
2   <head>
3     <link rel="stylesheet" type="text/css" href="de...
4     <link rel="stylesheet" type="text/css" href="01...
5   </head>
6
7   <body>
8     <div class="navigation">
9       <a class="selected" href="01.html">01</a>
10      <a href="02.html">02</a>
11      <a href="03.html">03</a>
12      <a href="04.html">04</a>
13      <a href="05.html">05</a>
14      <a href="06.html">06</a>
15      <a href="07.html">07</a>
16      <a href="08.html">08</a>
17      <a href="09.html">09</a>
18    </div>
19
20    <div class="exercise">
21      <h1>Basic Text Styling</h1>
22      Change the color and size of paragraph text.
23    </div>
24
25    <div class="solution">
26      <p>This is a sample text.</p>
27    </div>
28  </body>
29</html>
```

01 02 03 04 05 06 07 08 09

## Basic Text Styling

Change the color and size of paragraph text.

This is a sample text.

Dev Container: devenv-code4beginner 0 △ 0 ⚡ 3 Connect Port: 3000