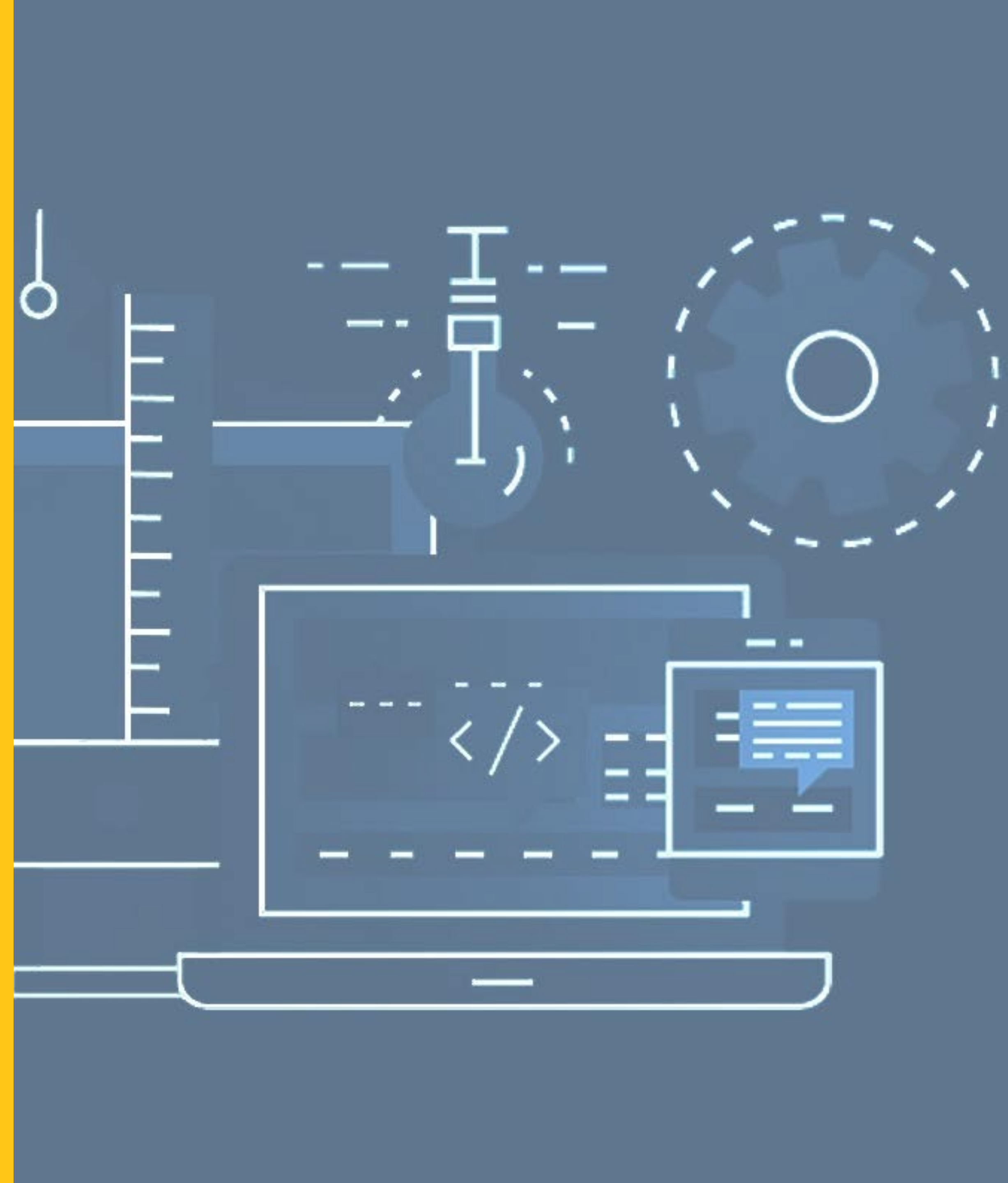


SHELLY GRAHAM, 02/24/2022

# WEB DEV 3

## WINTER 2022

Week 8: VS Code Extensions & BEM



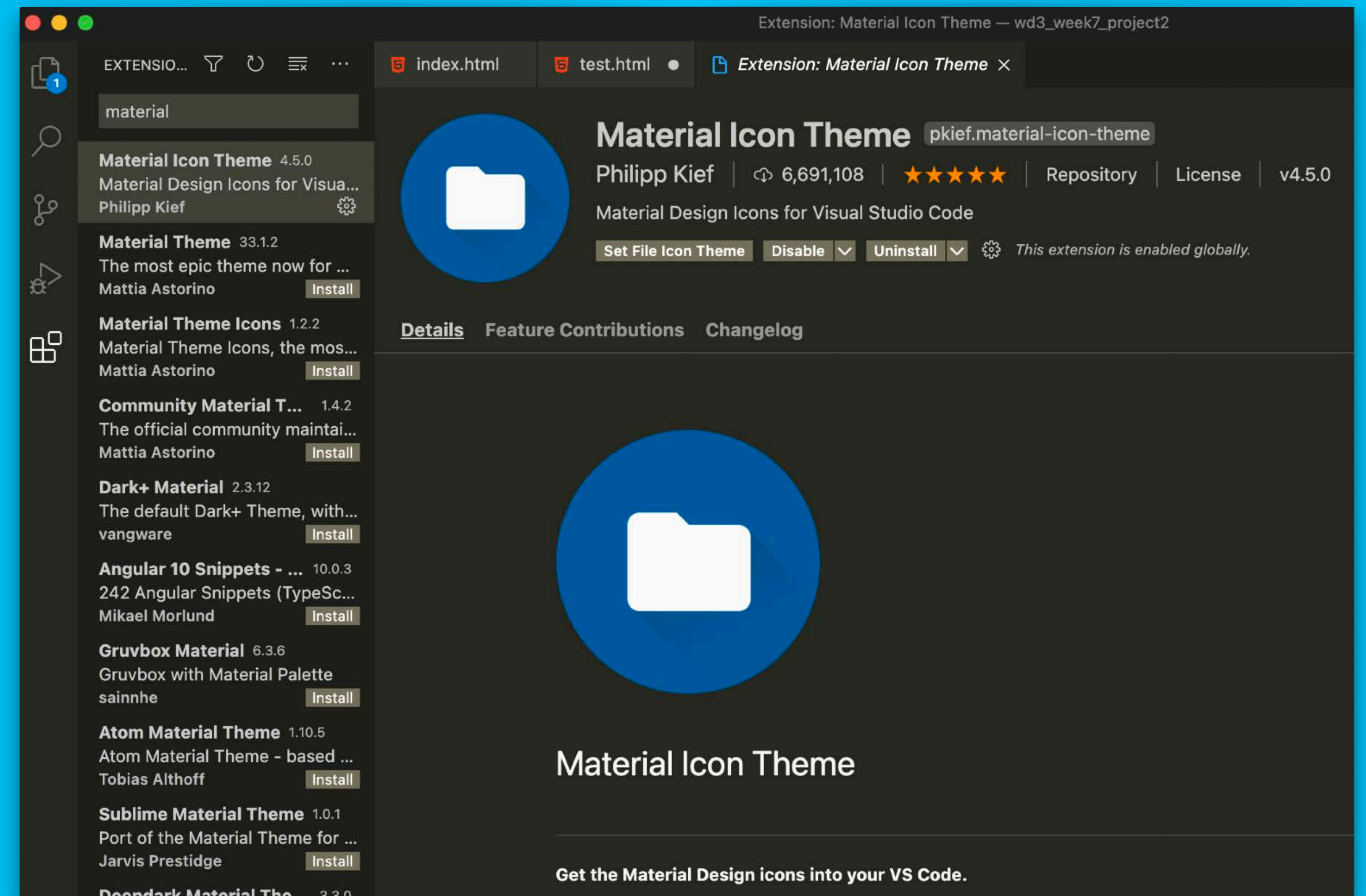
# WEEK 8: VS CODE EXTENSIONS & BEM

# VISUAL

**EXTENSIONS**

# MATERIAL ICON THEME & MATERIAL THEME

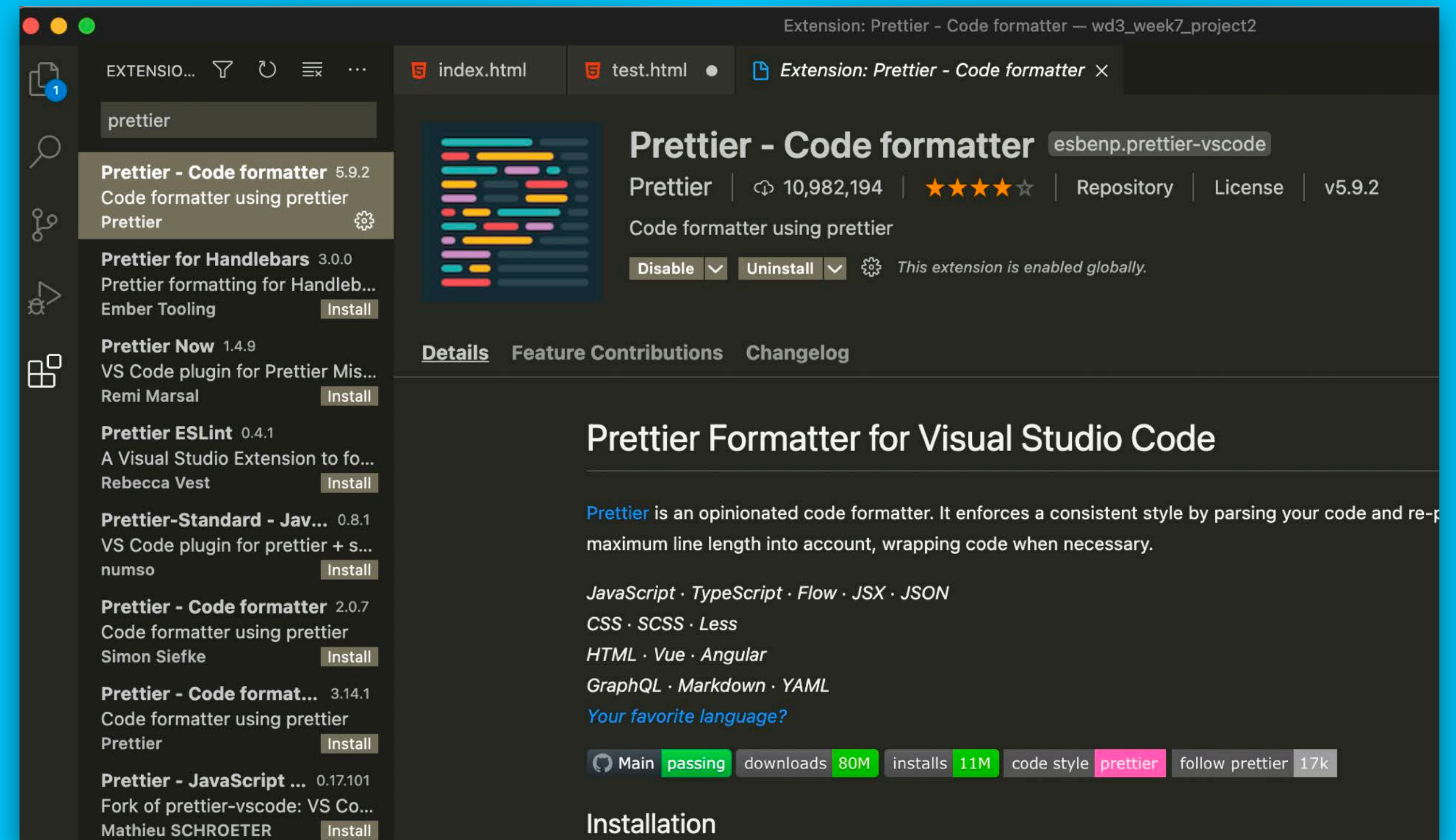
- Material Design icons into your VS Code
- Link: <https://marketplace.visualstudio.com/items?itemName=PKief.material-icon-theme>





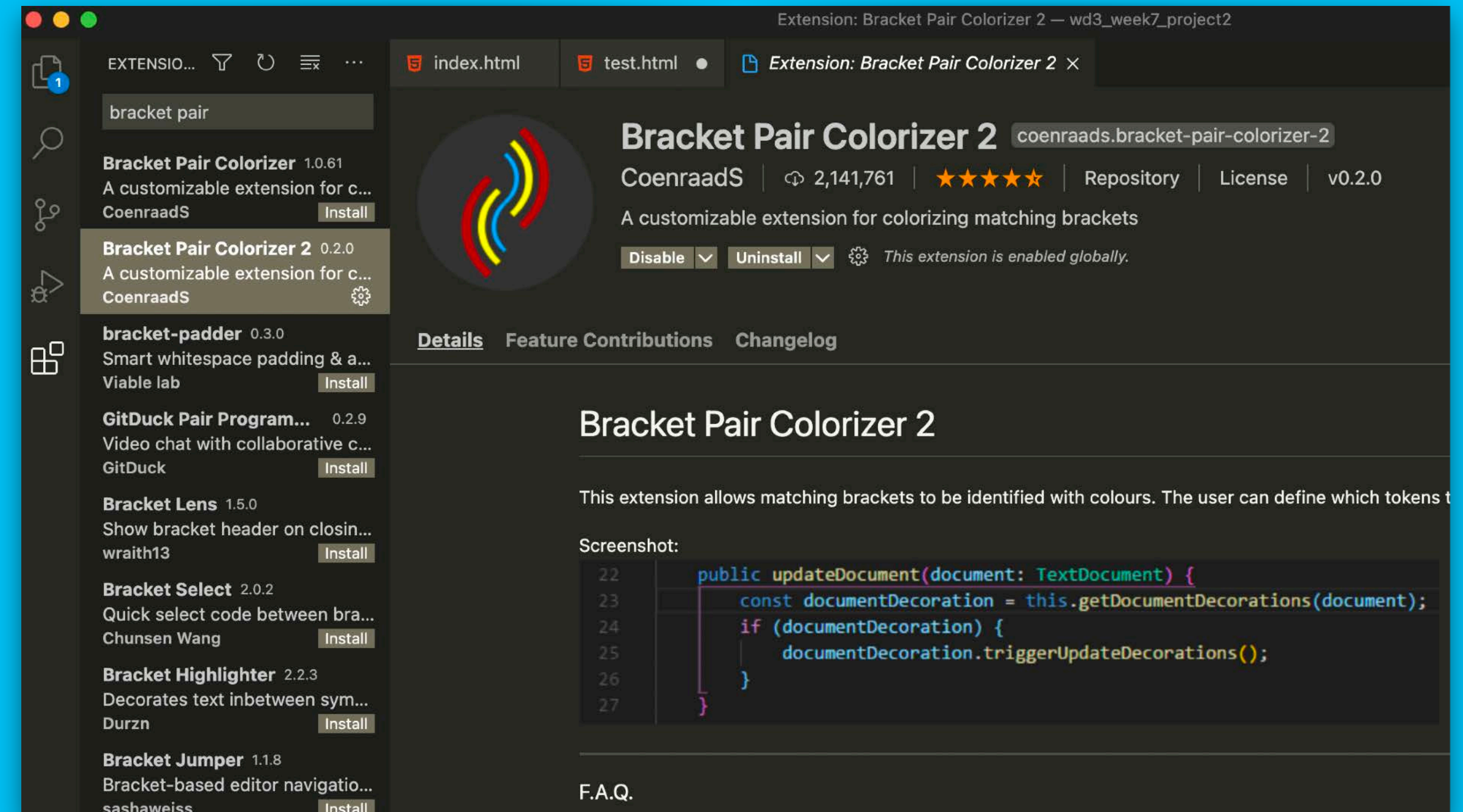
# PRETTIER

- Prettier is an opinionated code formatter.
  - Active with: “Control/Command + ,”
  - Type “Format on save”
  - Check “Editor: Format on Save”
  - Adjust settings like single or double quotation marks, tab space etc.
- 
- Link: <https://marketplace.visualstudio.com/items?itemName=esbenp.prettier-vscode>



# BRACKET PAIR COLORIZER 2

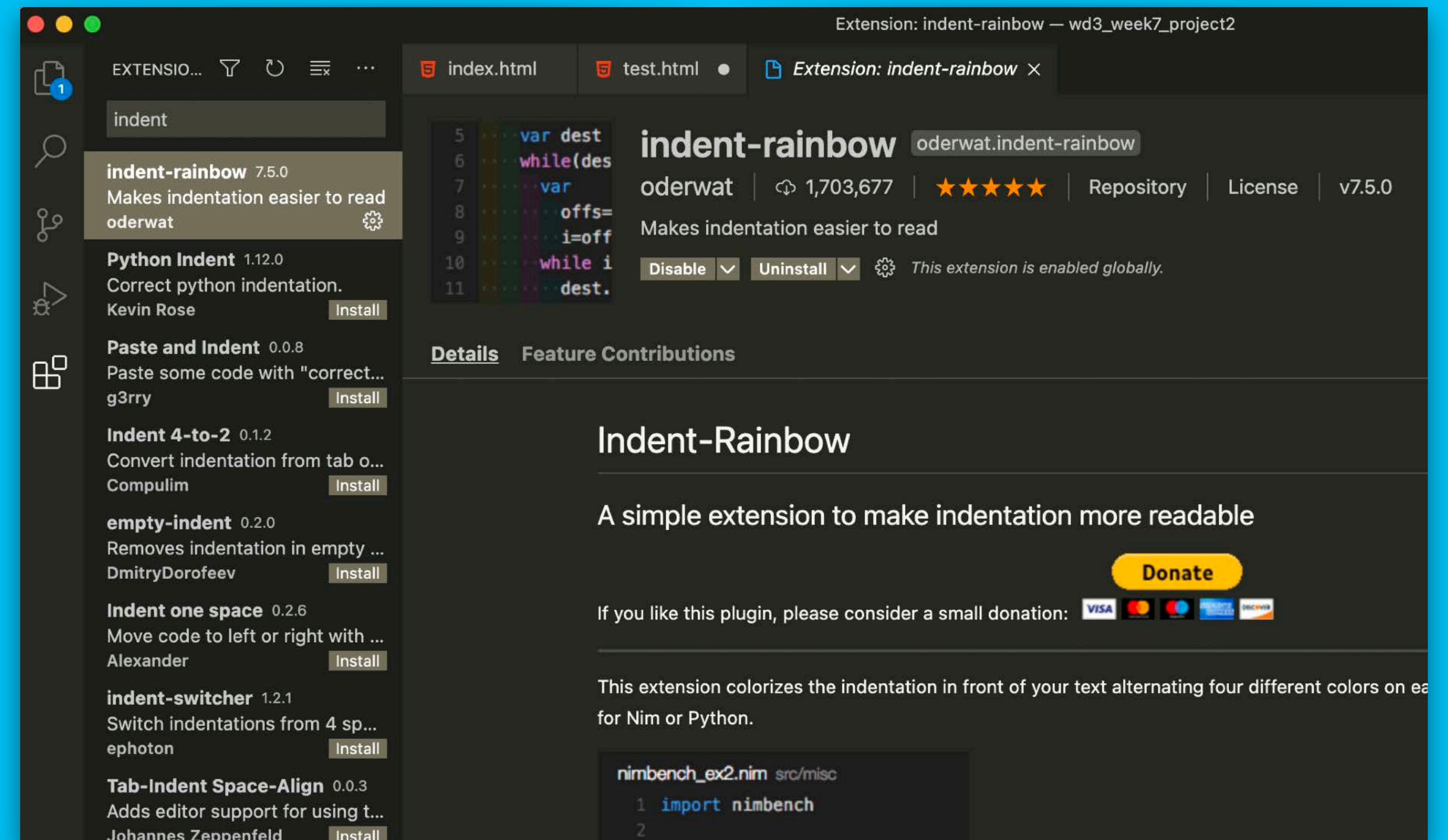
- This extension allows matching brackets to be identified with colors.
- Link: <https://marketplace.visualstudio.com/items?itemName=CoenraadS.bracket-pair-colorizer-2>





# INDENT-RAINBOW

- A simple extension to make indentation more readable
- Link: <https://marketplace.visualstudio.com/items?itemName=oderwat.indent-rainbow>



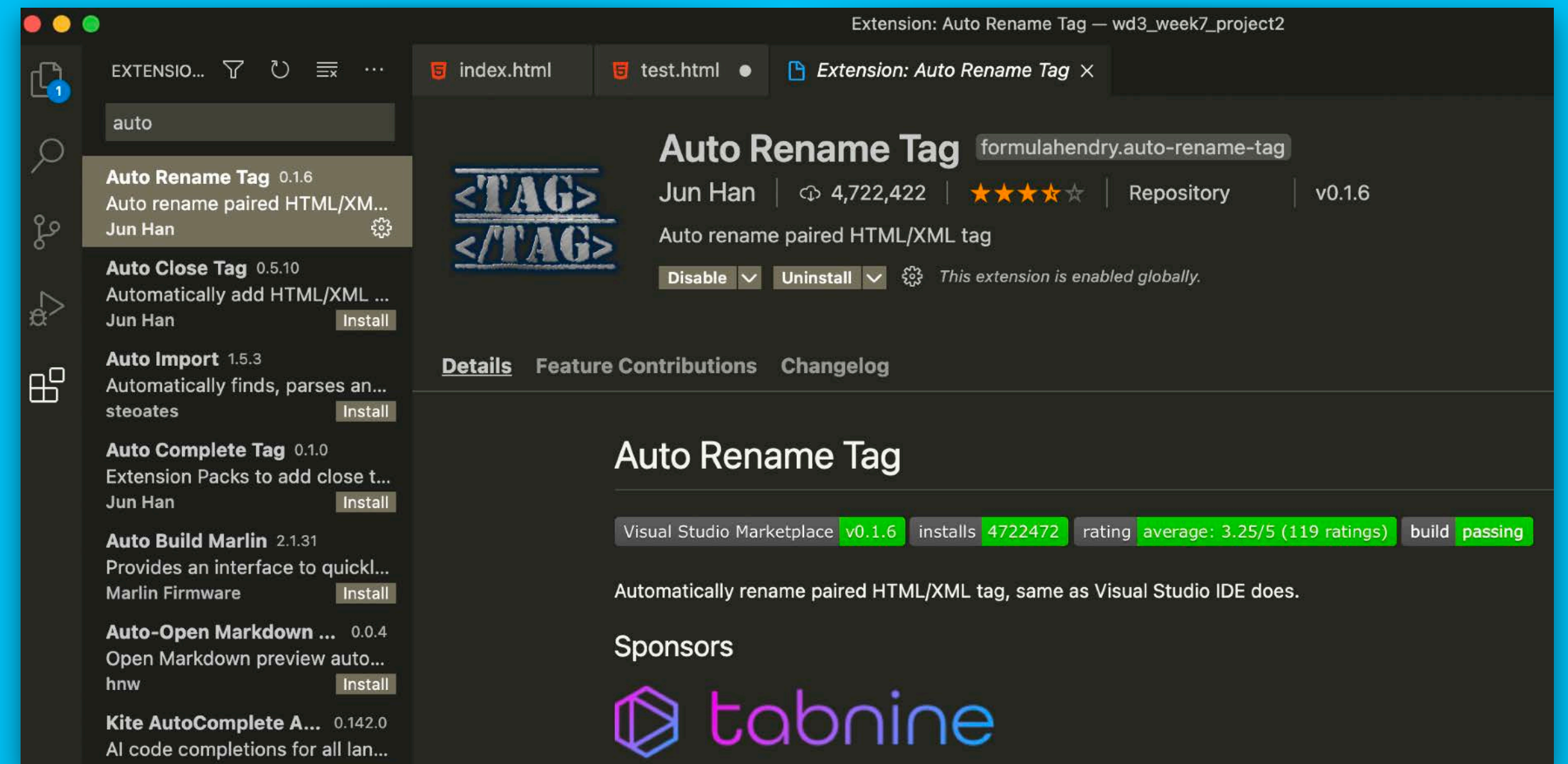
# FUNCTIONAL

**EXTENSIONS**



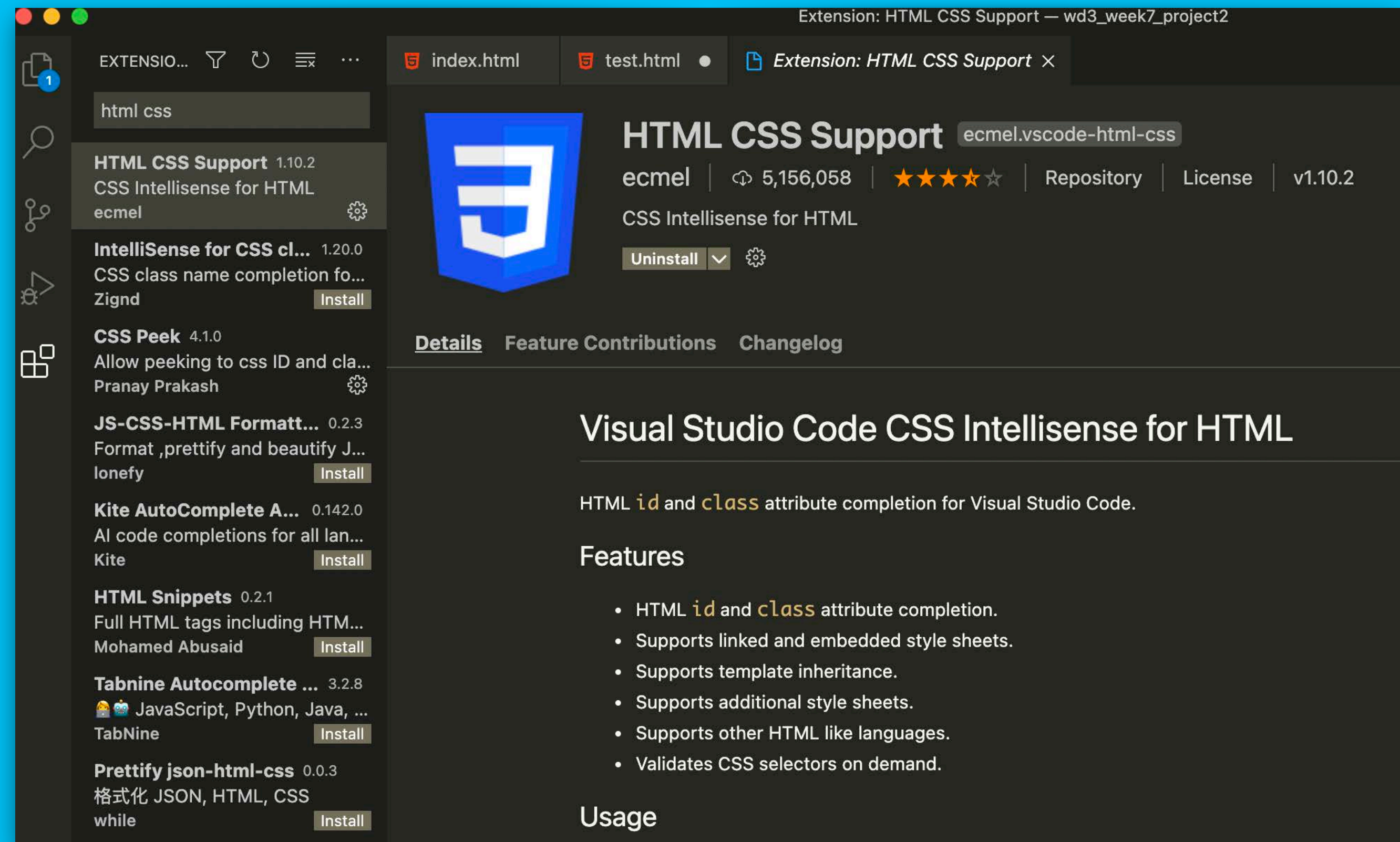
# AUTO-RENAME-TAG

- Automatically rename paired HTML/XML tag
- Link: <https://marketplace.visualstudio.com/items?itemName=formulahendry.auto-rename-tag>



# HTML CSS SUPPORT

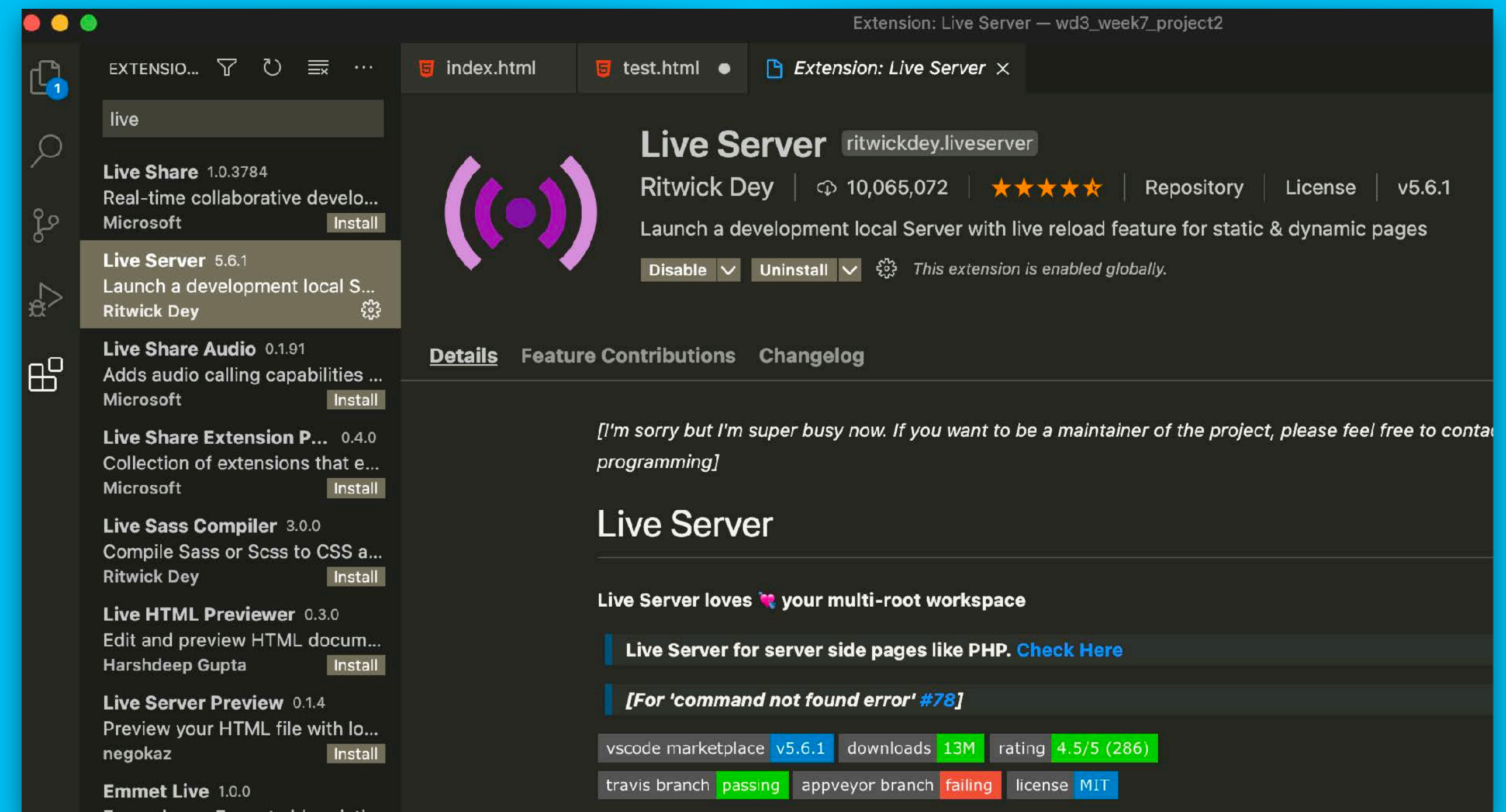
- HTML id and class attribute completion
- Link: <https://marketplace.visualstudio.com/items?itemName=ecmel.vscode-html-css>





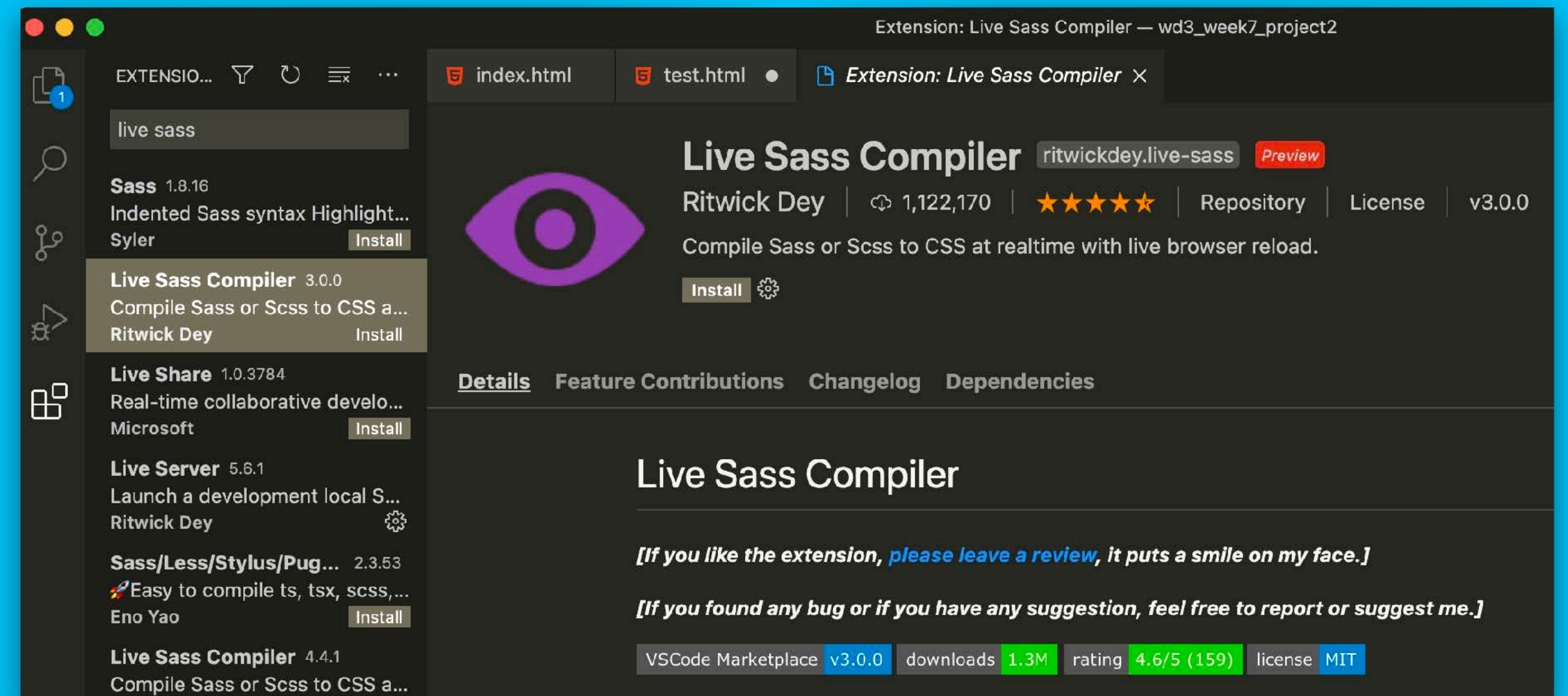
# LIVE SERVER

- Launch a local development server with live reload feature for static & dynamic pages.
- Like Prepros
- Link: <https://marketplace.visualstudio.com/items?itemName=ritwickdey.LiveServer>



# LIVE SASS COMPILER

- Helps you to compile/transpile your **SASS/SCSS** files to **CSS** files at realtime with live browser reload
- Link: <https://marketplace.visualstudio.com/items?itemName=ritwickdey.live-sass>





# BUILT-IN

**VS CODE GOODNESS**

# EMMET

- The essential toolkit for web-developers
- GREATLY improves HTML workflow (CSS also)
- Cheatsheet: <https://docs.emmet.io/cheat-sheet/>

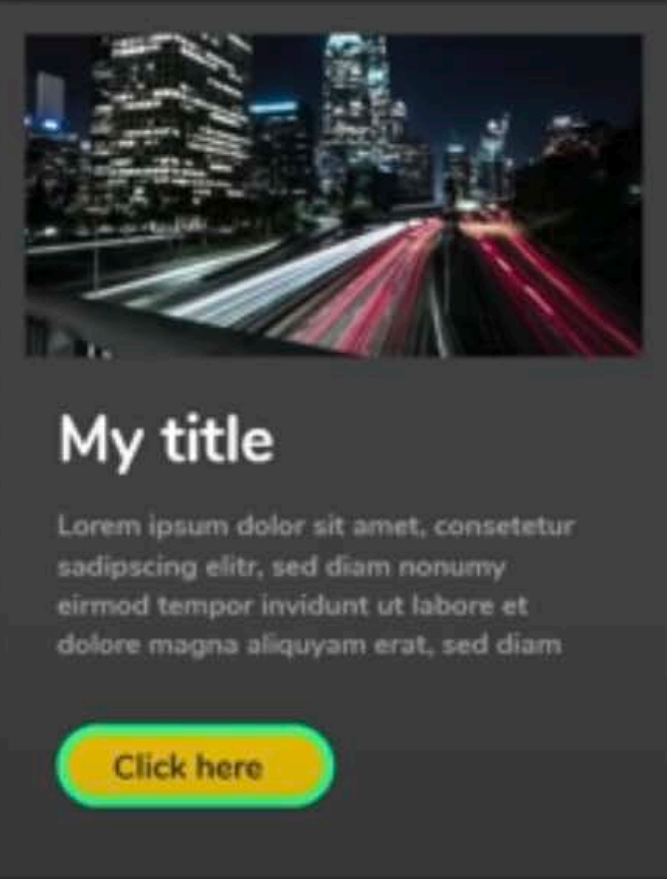


# BEM

**NOT PART OF VS CODE BUT YOU SHOULD USE IT!**

# BEM

- Block Element Modifier
- IMPORTANT organization tool
- In larger projects and if you work with teams, nesting can get you into trouble
- So it's wise to give everything it's own class!

	Block	<code>class="card"</code>
	Element	<code>class="card__picture"</code>
	Element	<code>class="card__title"</code>
	Element	<code>class="card__description"</code>
	Element	<code>class="card__button"</code>
	Modifier	<code>class="card__button card__button--active"</code>



# BLOCK

- A standalone entity that is meaningful on it's own
- Shared styles for all elements



```
7 <div class="card card--dark">
8   
1   <h2 class="card__title">I'm a dark card</h2>
2   <p class="card__content">And here would be the
3       content of my dark card</p>
4 </div>
```

# ELEMENT

- A part of the block that has no standalone meaning and is semantically tied to its block
- Written with double underscore: `block__element`



```
7 <div class="card card--dark">
8   
1   <h2 class="card__title">I'm a dark card</h2>
2   <p class="card__content">And here would be the
3       content of my dark card</p>
4 </div>
```

# MODIFIER

- A flag on a block or element.
- Use them to change appearance or behavior.
- Written with double hyphen: block—modifier



```
7 <div class="card card--dark">
8   
1 <h2 class="card__title">I'm a dark card</h2>
2 <p class="card__content">And here would be the
3   content of my dark card</p>
4 </div>
```

# BEM

- There is not 1 right system! It depends on the person
- BUT: You need a way of organizing your HTML & CSS and this helps make the process easier
- Also helps other people and you understand your code better
- Try them out and see which one you like best

`to__bem or not__to--bem`



# BEM ALTERNATIVES

- **BEM:** <http://getbem.com/introduction/>
- **OOCSS:** <http://oocss.org/>
- **SMACSS:** <https://smacss.com/>
- **Atomic CSS:** <https://github.com/nemophrost/atomic-css>

to\_\_bem or not\_\_to--bem

**QUESTIONS?**

# HOMework - PROJECT 2

- Time to combine all your knowledge from this class and make one beautiful a\*\* project!
- This is a two week project!
- **ATTENTION!** Please download resources ASAP since I had to send through a WeTransfer due to file size! WeTransfer will expire on Februar 26th! <https://we.tl/t-CQ4ille6yf>
- Use the provided resources to recreate the Poke Bowl website. If done right, this will be a solid portfolio piece but at the very least an amazing panel piece to showcase what you've learned in this class!
- Use CSS Grid where it makes sense. This can be across the entire page or just during certain sections. I'd like to see a minimum of two grids that change as the browser resizes.
- Optimize the provided images to keep page load to a minimum. Use the techniques learned (lazy loading, srcset...) to achieve this.
- Add the transitions shown in the demo videos but also add at least 1 other transition of your own.
- As usual, the page must be fully responsive. Please use Sass in your CSS.
- Submit a link to your GitHub repo.

**FIN**