

삼성 청년 SW 아카데미

VSCode Extensions

<알림>

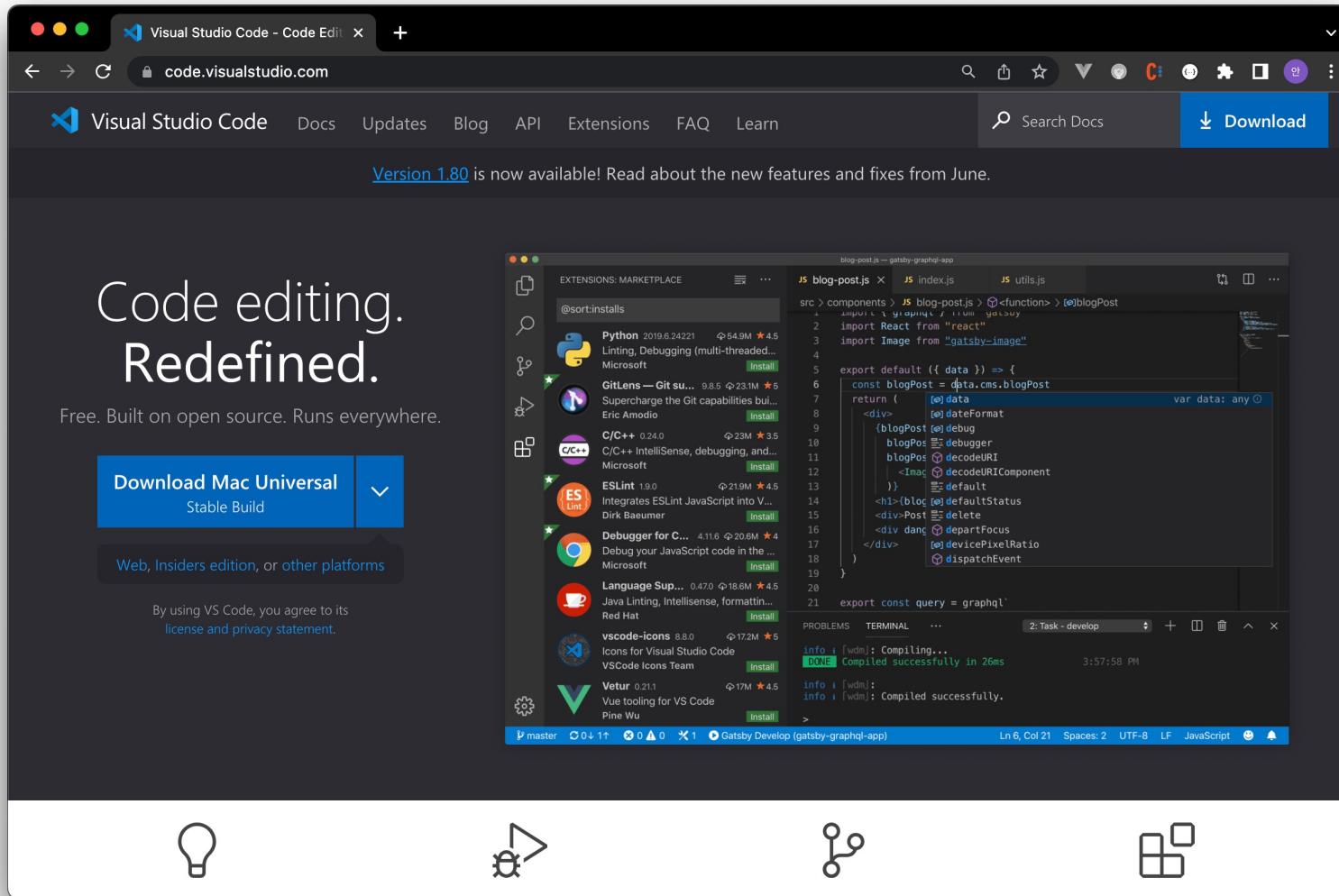
본 강의는 삼성 청년 SW아카데미의 컨텐츠로
보안서약서에 의거하여
강의 내용을 어떠한 사유로도 임의로 복사,
촬영, 녹음, 복제, 보관, 전송하거나
허가 받지 않은 저장매체를
이용한 보관, 제3자에게 누설, 공개,
또는 사용하는 등의 행위를 금합니다.

VSCode Extensions

Visual Studio Code Extensions

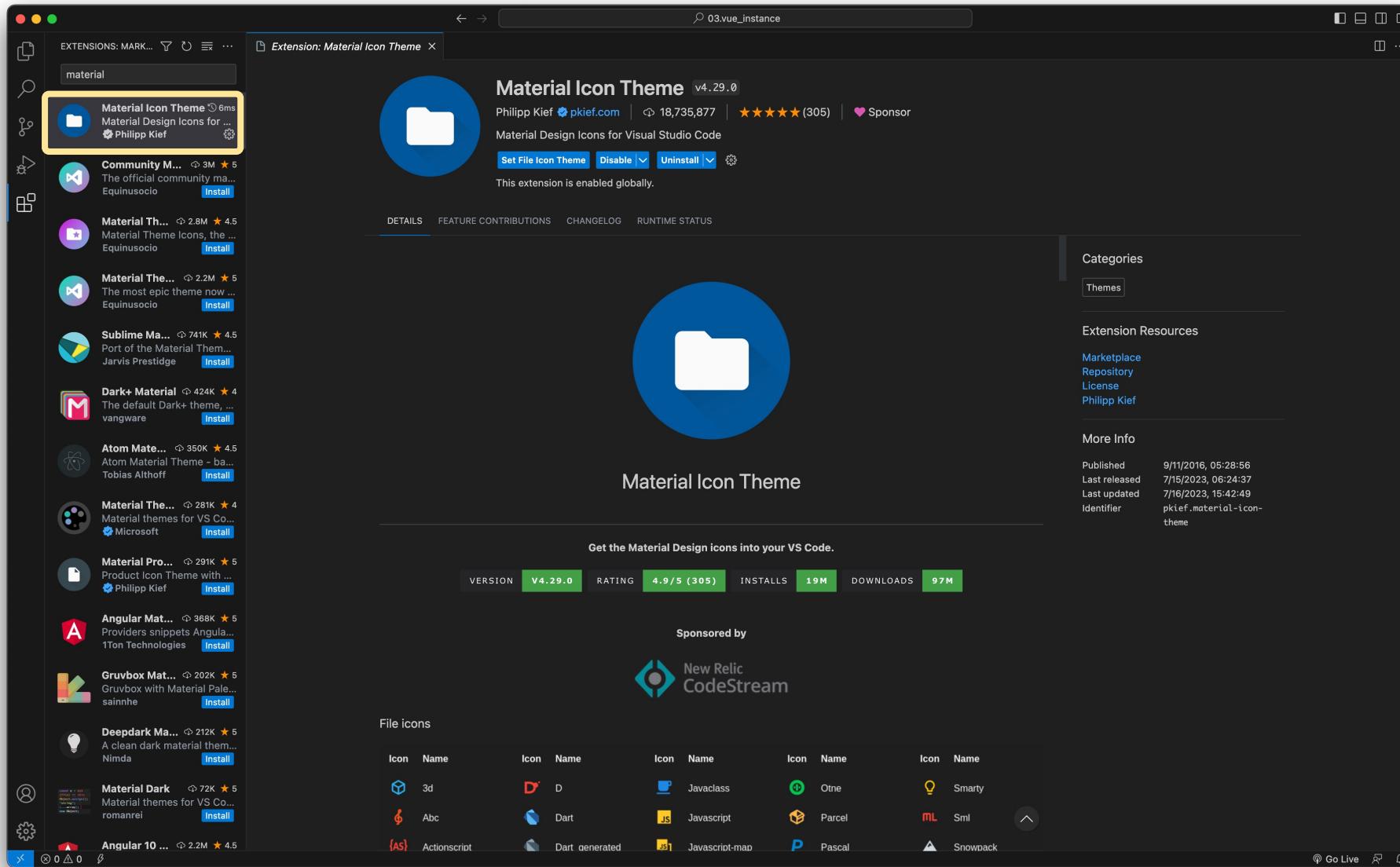
✓ VS Code download & install.

- <https://code.visualstudio.com/>
- install



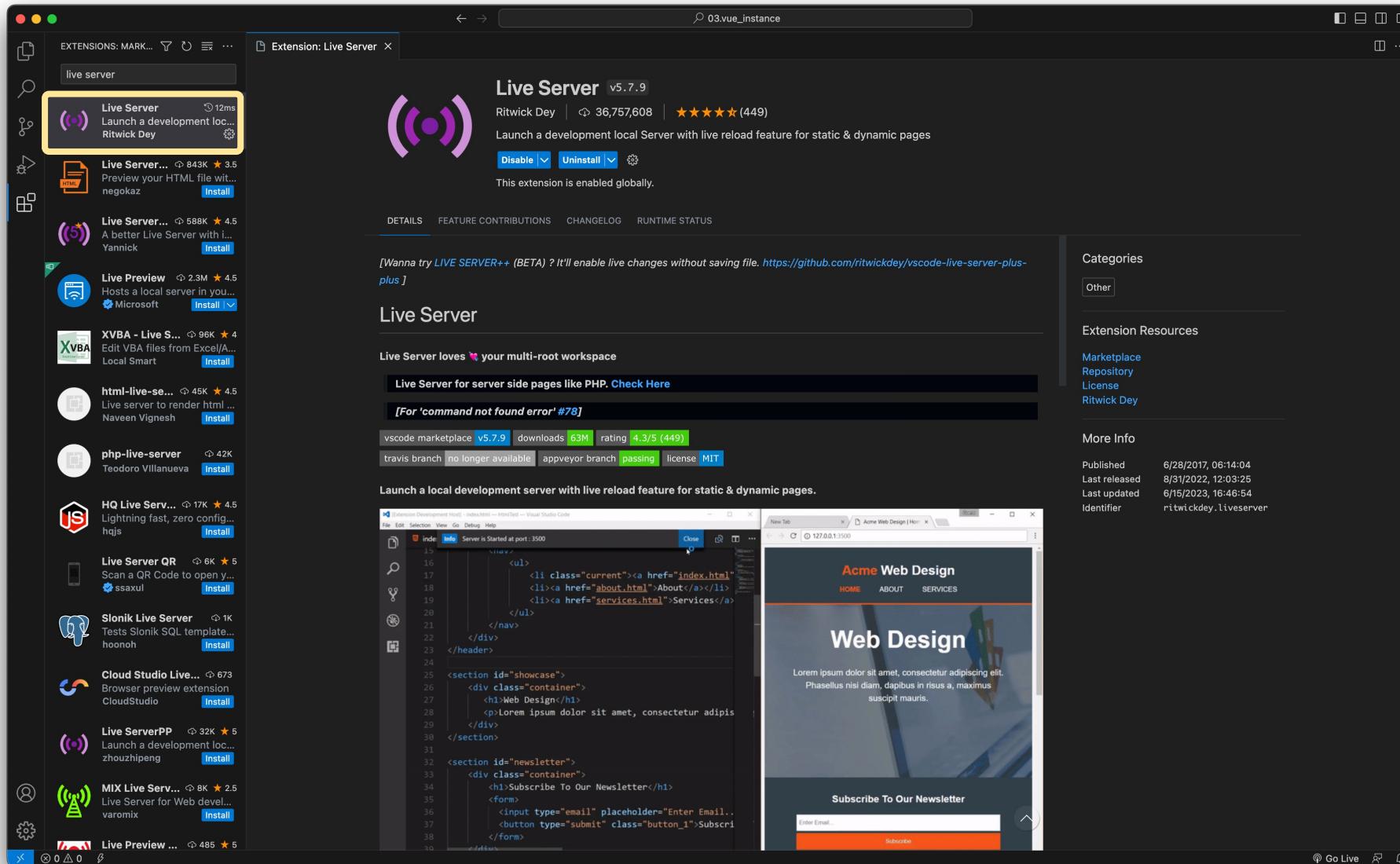
Visual Studio Code Extensions

✓ Material Icon Theme.



Visual Studio Code Extensions

✓ Live Server.



Visual Studio Code Extensions

✓ Prettier.

The screenshot shows the Visual Studio Code interface. On the left, the Extensions sidebar is open, displaying a list of extensions related to 'prettier'. The top result is 'Prettier - Code formatter' by Prettier, which is highlighted with a yellow border. To the right of the sidebar, the main workspace shows the details for the 'Prettier - Code formatter' extension. The extension page includes the extension's icon, name ('Prettier - Code formatter v9.19.0'), developer ('Prettier'), download count (34,307,218), rating (4.5 stars from 410 reviews), and a 'Sponsor' button. Below this, there are tabs for 'DETAILS', 'FEATURE CONTRIBUTIONS', 'CHANGELOG', and 'RUNTIME STATUS'. The 'DETAILS' tab contains a brief description: 'Prettier is an opinionated code formatter. It enforces a consistent style by parsing your code and re-printing it with its own rules that take the maximum line length into account, wrapping code when necessary.' It also lists supported languages: JavaScript, TypeScript, Flow, JSX, JSON, CSS, SCSS, Less, HTML, Vue, Angular, HANDLEBARS, Ember, Glimmer, GraphQL, Markdown, YAML, and 'Your favorite language?'. The 'Installation' section provides instructions for installing through the VS Code Marketplace or via the command line ('ext install esbenp.prettier-vscode'). The 'Default Formatter' section explains how to set it as the default formatter in VS Code settings. At the bottom of the extension page, there is some JSON configuration code:

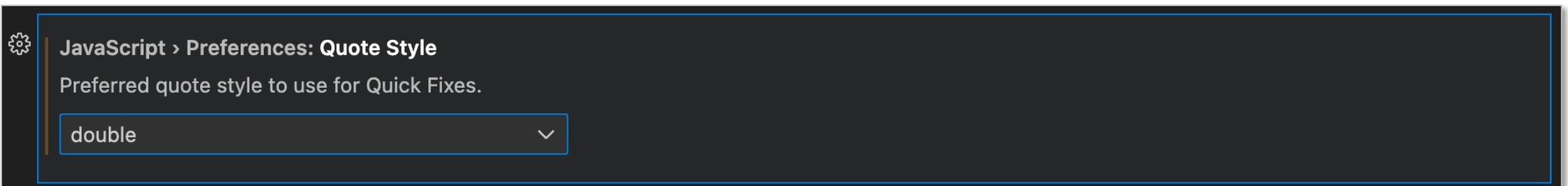
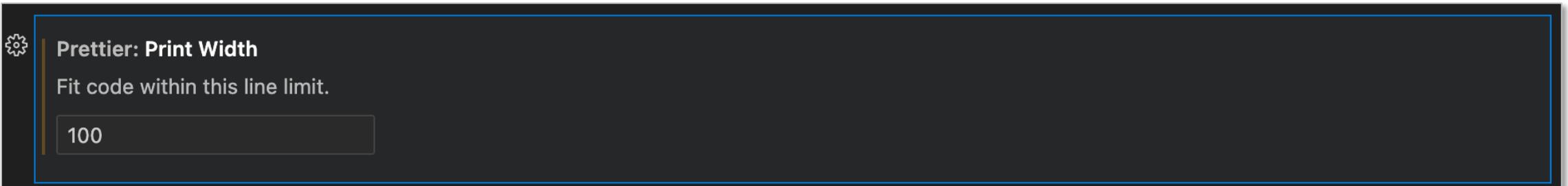
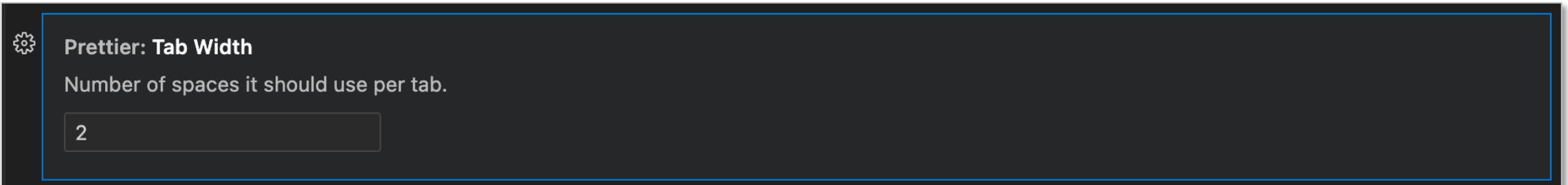
```
{  
  "editor.defaultFormatter": "esbenp.prettier-vscode",  
  "[javascript)": {  
    "editor.defaultFormatter": "esbenp.prettier-vscode"  
}
```

On the far right of the interface, there are sections for 'Categories' (Formatters), 'Extension Resources' (Marketplace, Repository, License, Prettier), and 'More Info' (Published, Last released, Last updated, Identifier).

Visual Studio Code Extensions

✓ Prettier Setting.

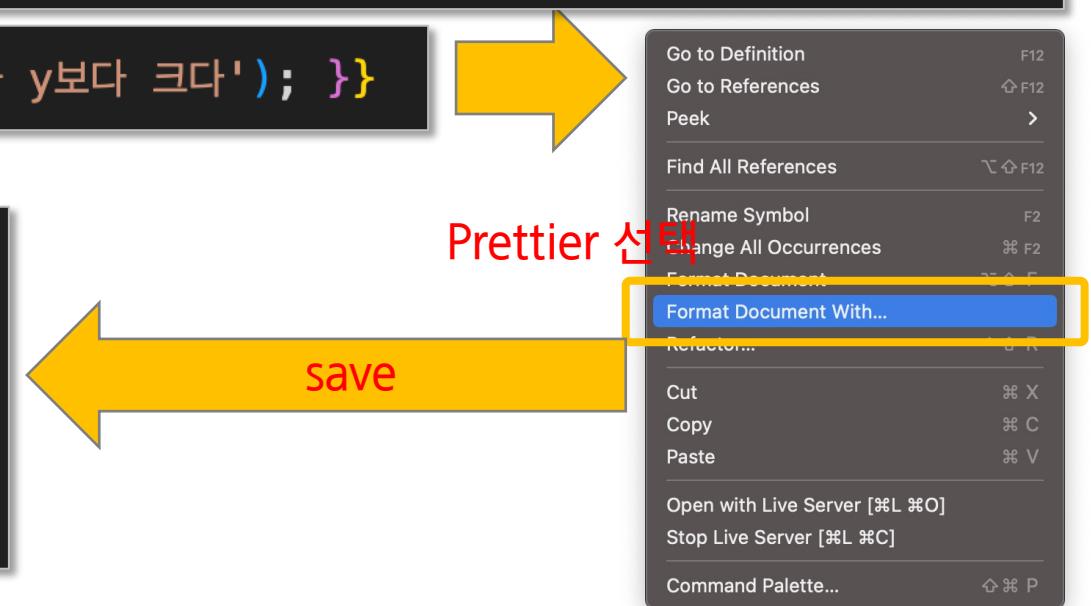
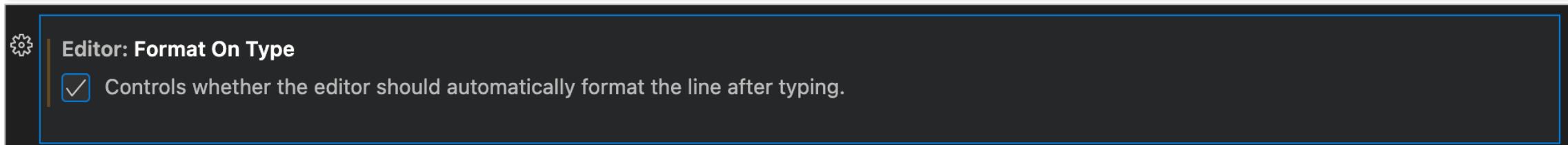
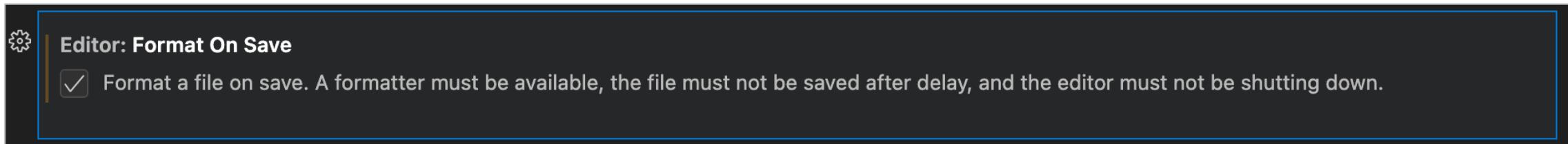
- File -> Preferences -> Settings or Ctrl + comma(,)



Visual Studio Code Extensions

✓ Prettier Setting.

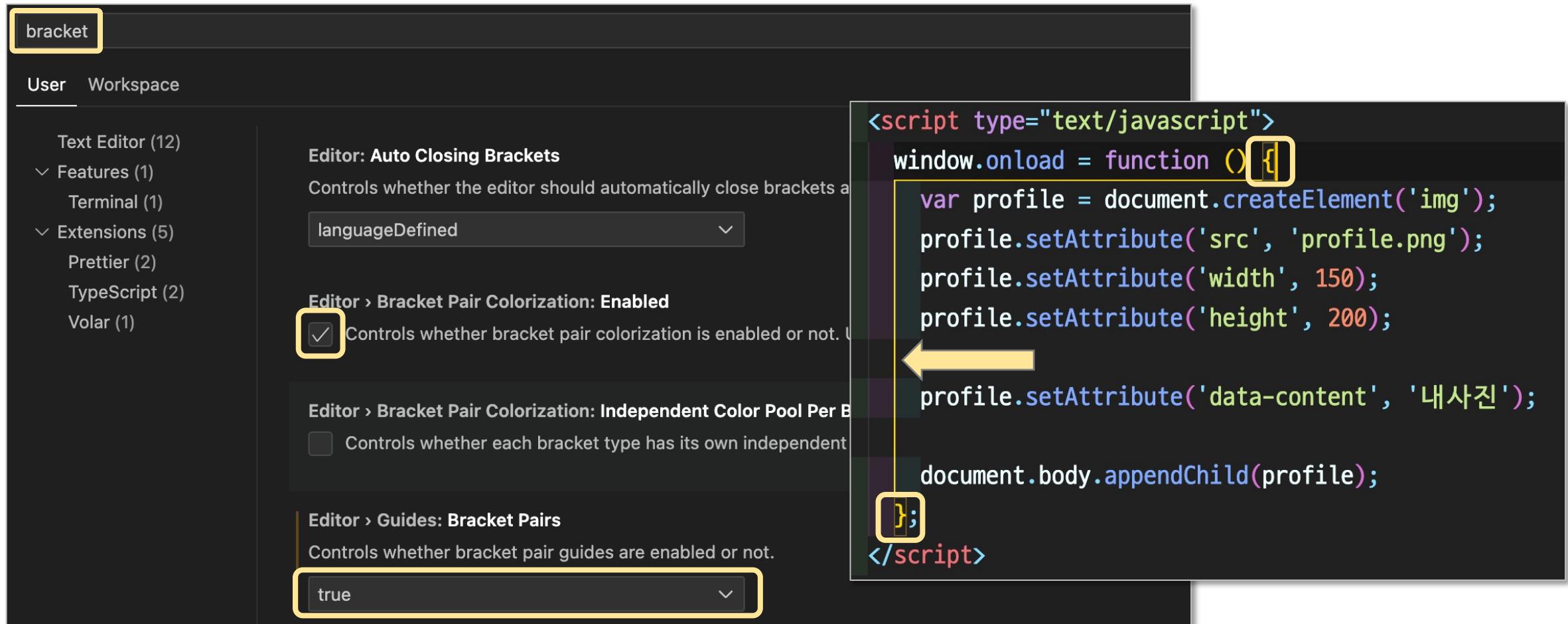
- File -> Preferences -> Settings or Ctrl + comma(,)



Visual Studio Code Extensions

✓ Bracket Pair Colorizer.

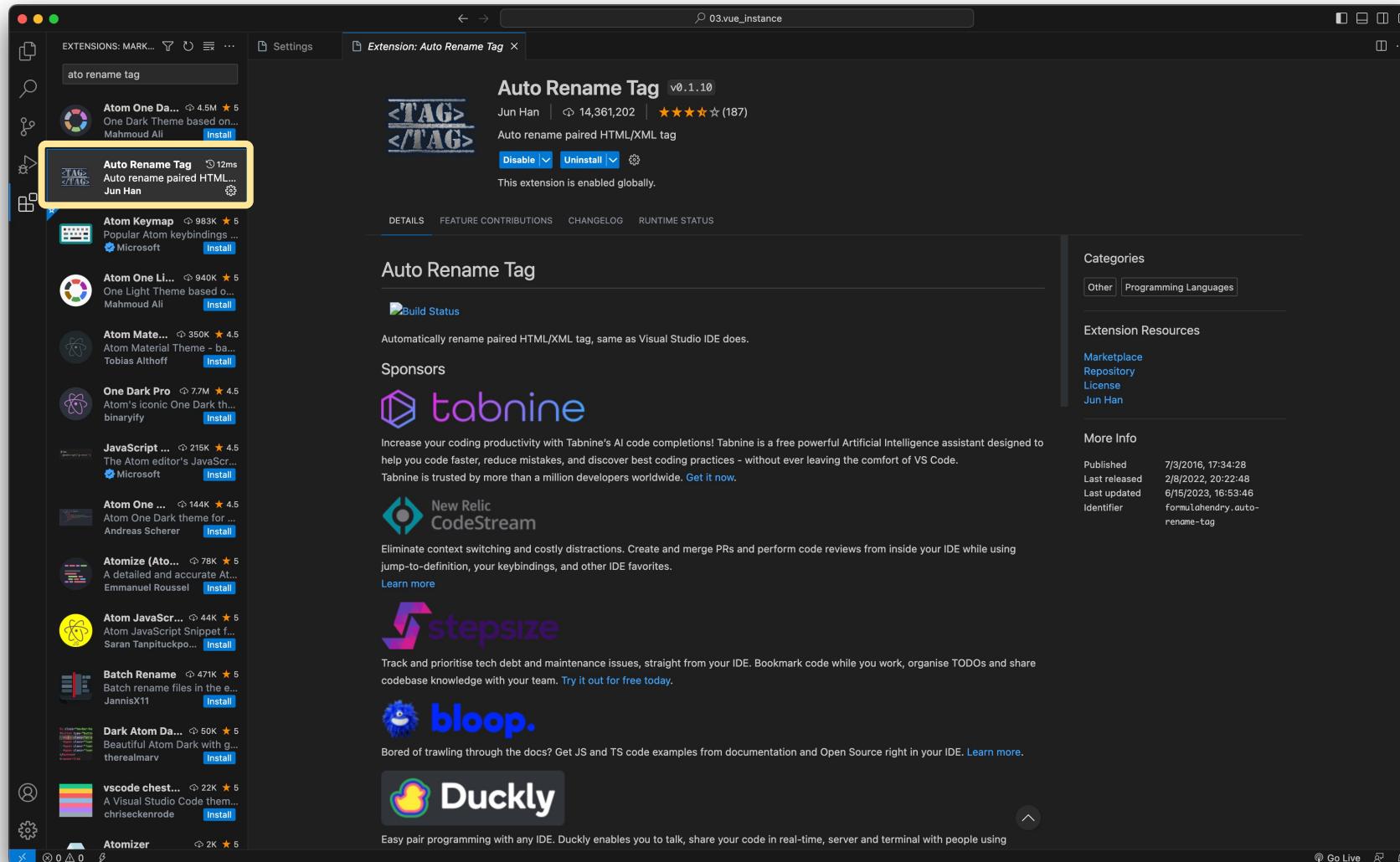
- 괄호에 색상 지정.



Visual Studio Code Extensions

✓ Auto Rename Tag.

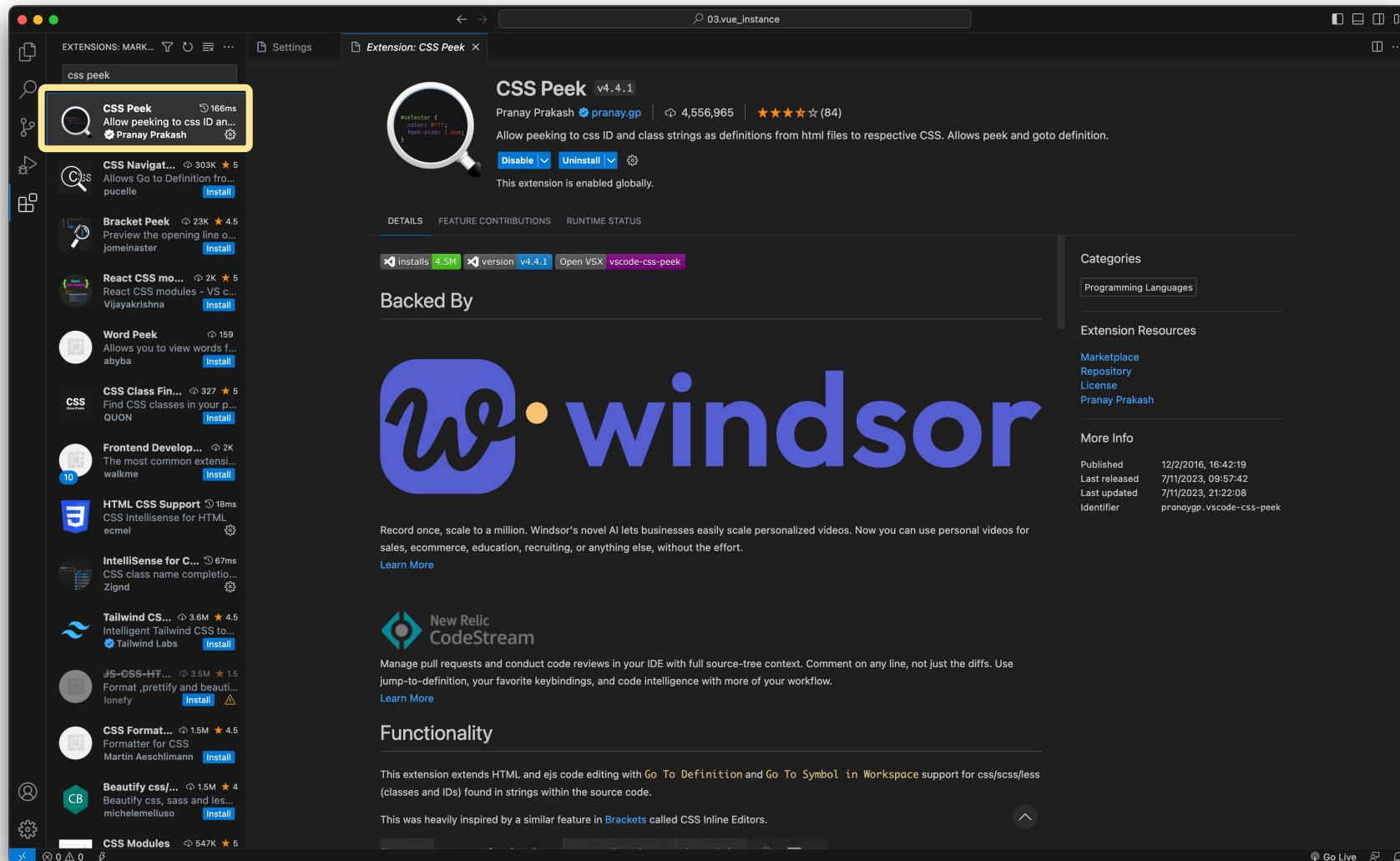
- 시작 태그의 이름 변경 시 닫는 태그의 이름 자동 변경.



Visual Studio Code Extensions

✓ CSS Peek.

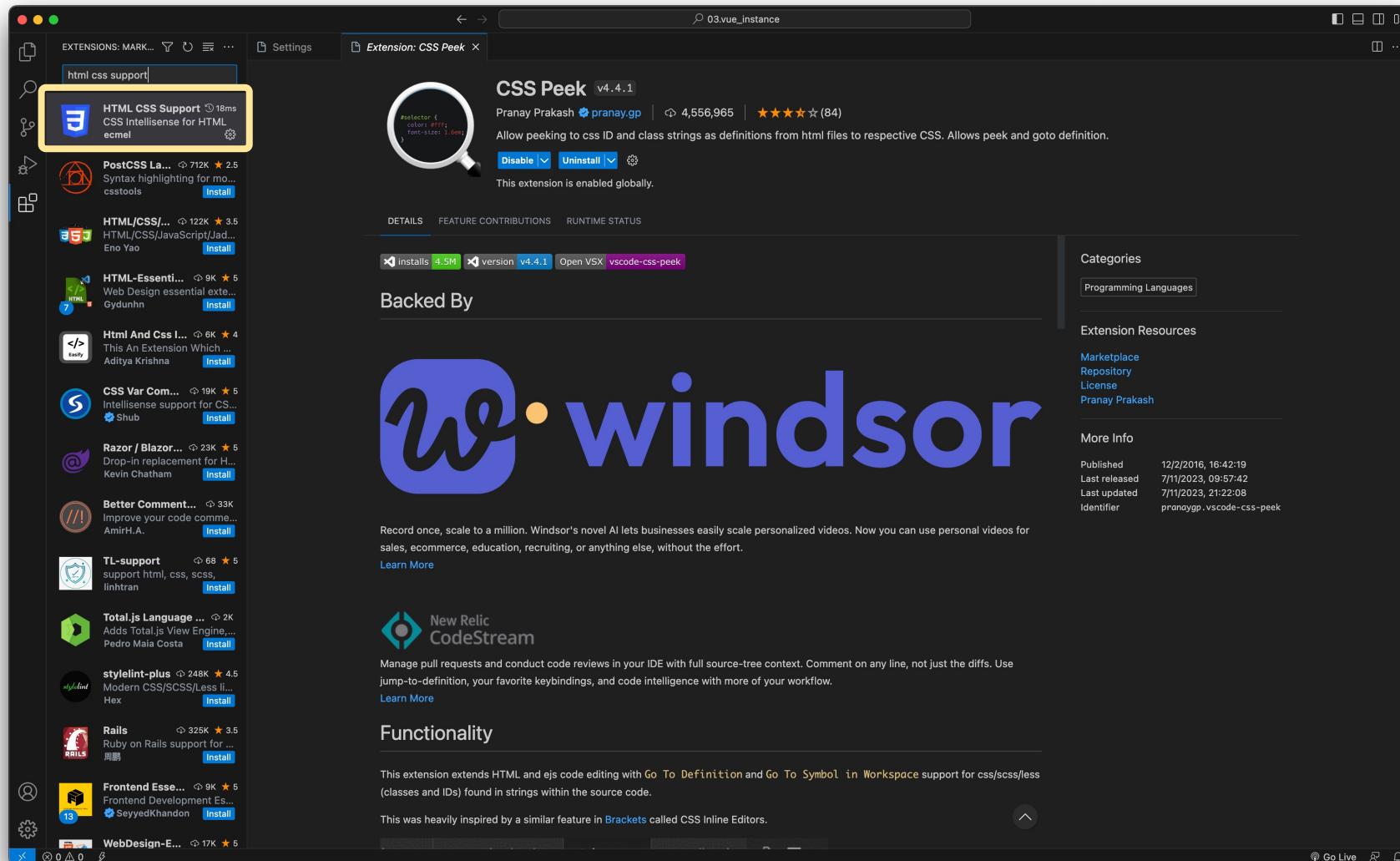
- html에서 css 선택 시 찾기 가능.



Visual Studio Code Extensions

✓ HTML CSS Support.

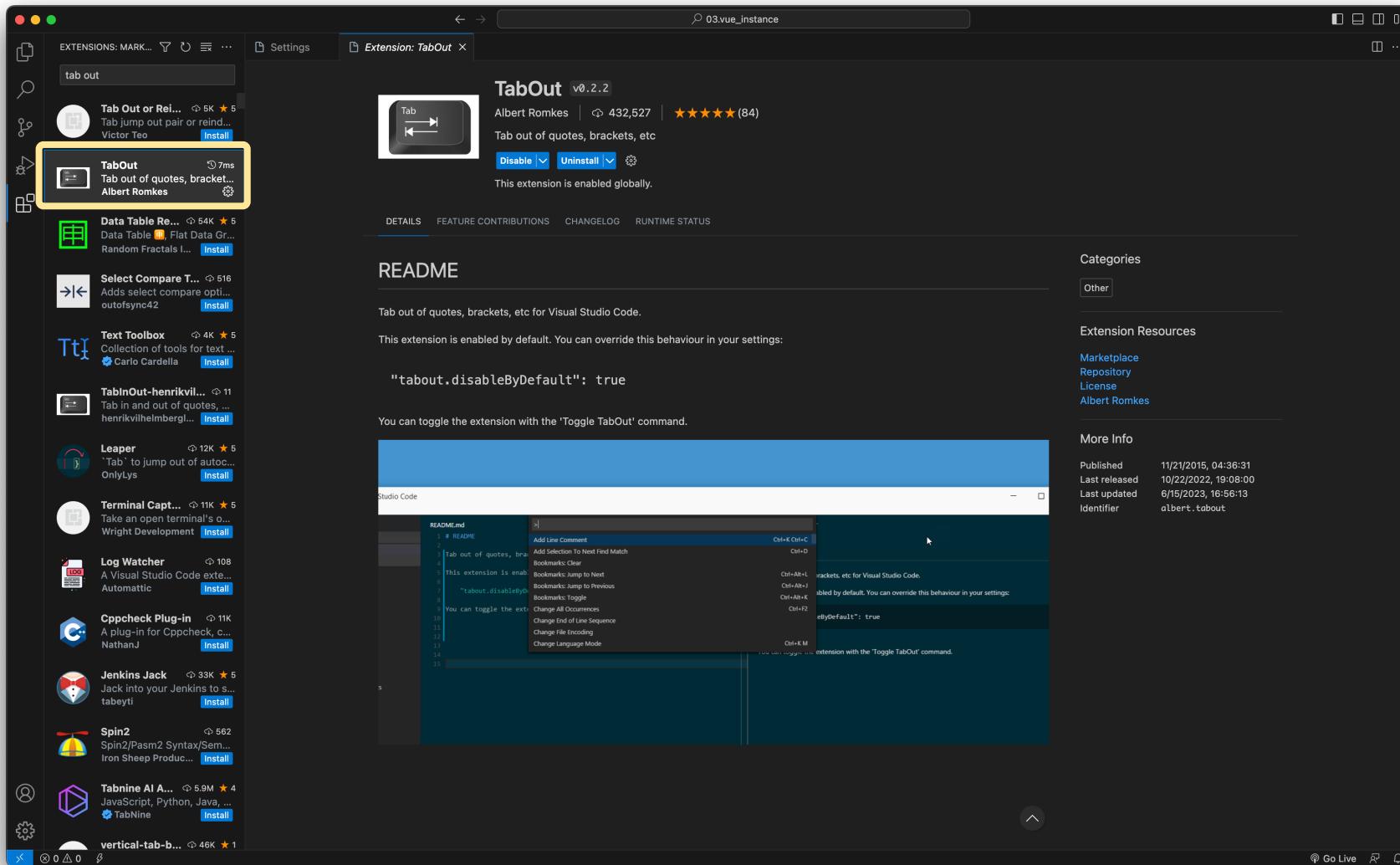
- html에서 css 자동완성.



Visual Studio Code Extensions

✓ TabOut.

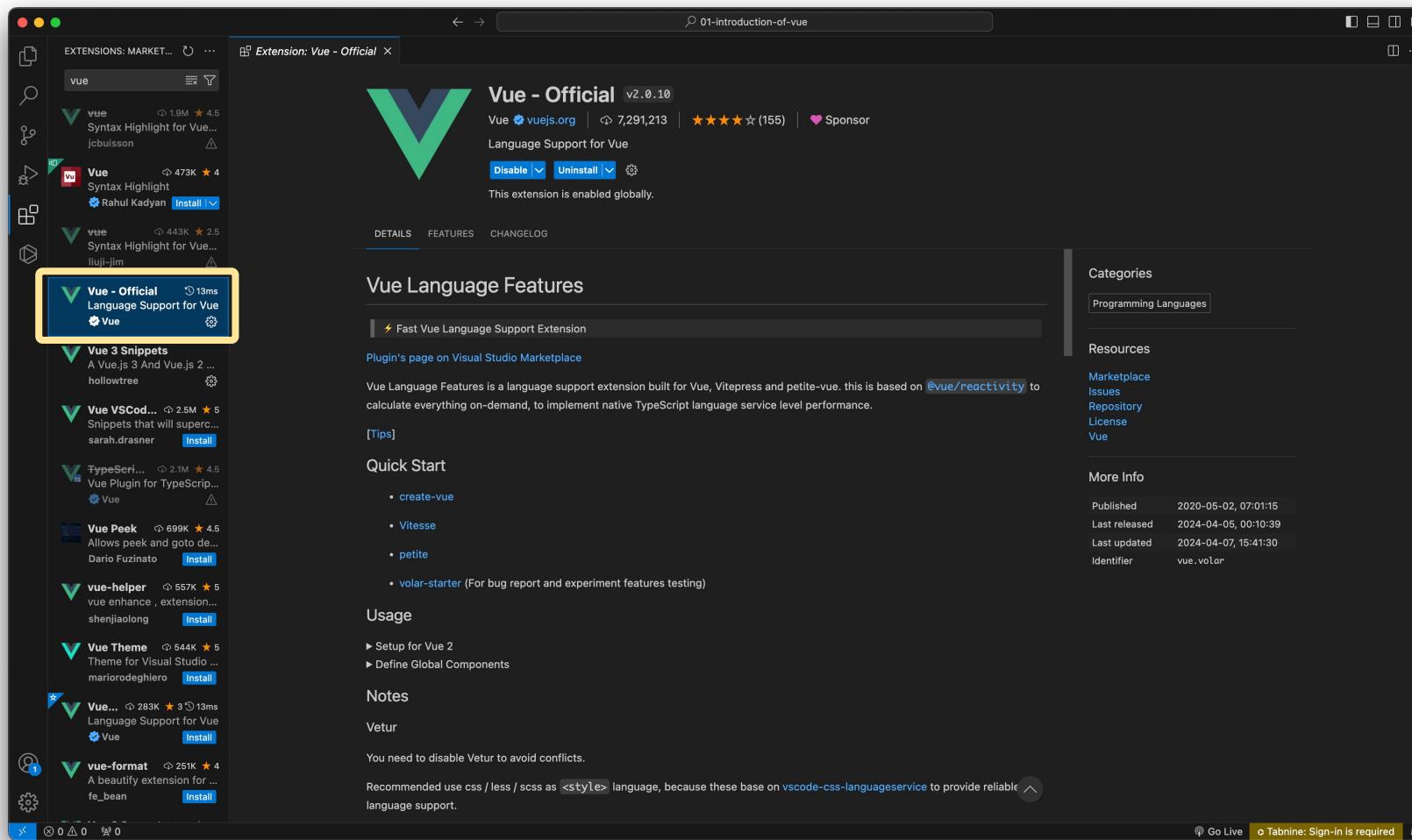
- Eclipse의 tab을 이용하여 커서 이동과 같은 기능.



Visual Studio Code Extensions

✓ Vue - Official

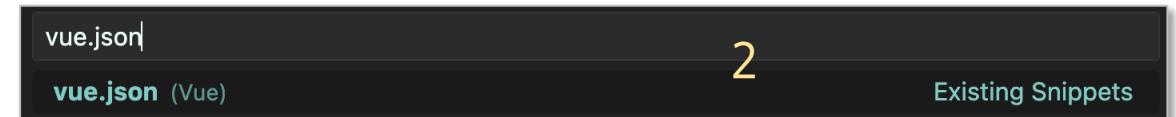
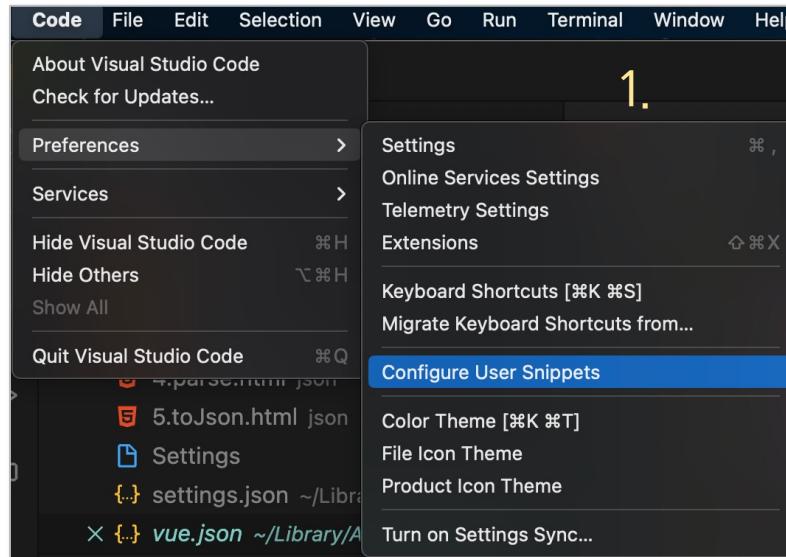
- .vue파일에 코드생성, 문법 강조, 자동완성, 디버깅.
- vue 입력 시 template, script, style 자동완성.



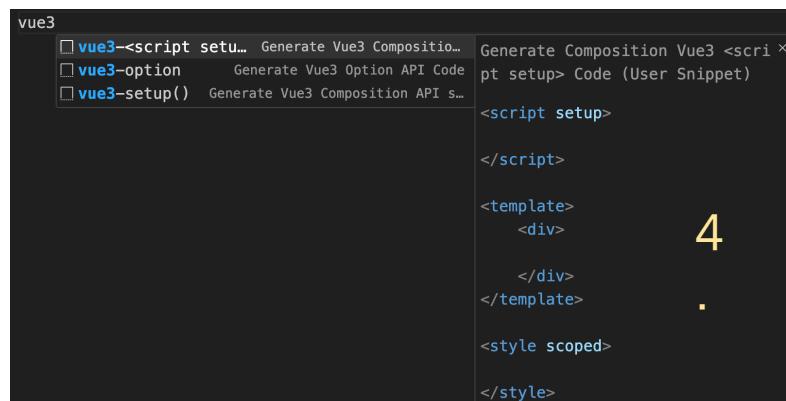
Visual Studio Code Extensions

✓ Vue3 Component 기본설정.

- Preferences -> Configure User Snippets -> vue.json 선택.



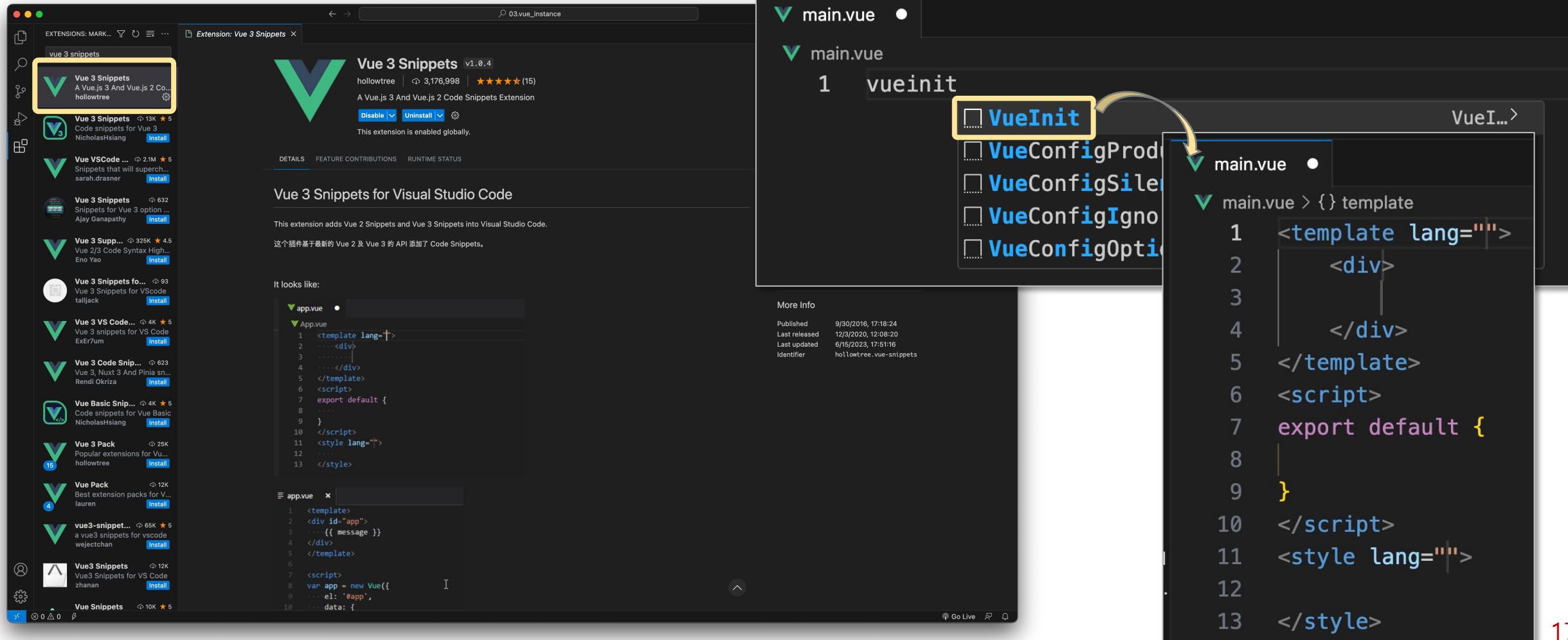
```
1. vue.json  
2. vue.json (Vue) Existing Snippets  
3.  
4. vue-component-설정.txt 복사  
"Generate Vue3 Option API Code": {  
  "prefix": "vue3-option",  
  "body": [  
    "<script>\nexport default {\n\n\tname: \"\",  
    \tcomponents: {}},  
  ],  
  "description": "Generate Option Vue3 Code"  
},  
"Generate Vue3 Composition API script setup Code": {  
  "prefix": "vue3-<script setup>",  
  "body": [  
    "<script setup>\n\n</script>\n\n<template>\n\t<div>\n\t\t<slot>\n\t</div>\n</template>  
  ],  
  "description": "Generate Composition Vue3 <script setup> Code"  
},  
"Generate Vue3 Composition API script() Code": {  
  "prefix": "vue3-setup()",  
  "body": [  
    "<script>\nexport default {\n\n\tname: \"\",  
    \tcomponents: {}},  
  ],  
  "description": "Generate Composition Vue3 setup() Code"  
}  
vue.json
```



Visual Studio Code Extensions

✓ Vue 3 Snippets.

- Volar에서 지원하지 않는 자동완성까지 적용.

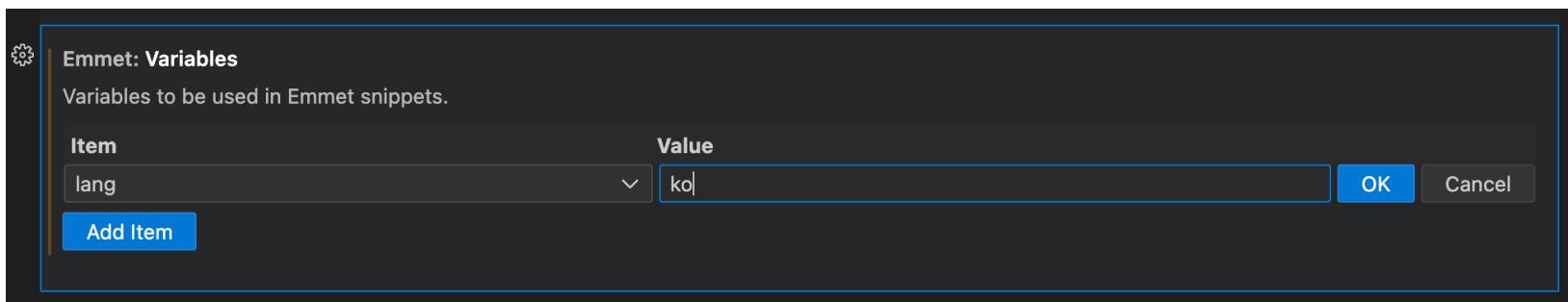


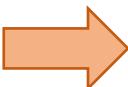
✓ Emmet : <https://docs.emmet.io/abbreviations/syntax>.

- 문서 템플릿 : !
- CSS : link
- script : script
- 자식 : >
- 형제 : +
- 부모 : ^
- 여러 개 : *
- 그룹 : ()
- 아이디, 클래스 : #, .(dot)
- 문자열 : {}
- 넘버링 : \${}*{}

✓ Emmet.

- html lang을 ko로 수정
 - 설정 (ctrl + ,)에서 emmet 검색
 - [emmet: Variables]에서 [Add Item] 클릭 후 수정

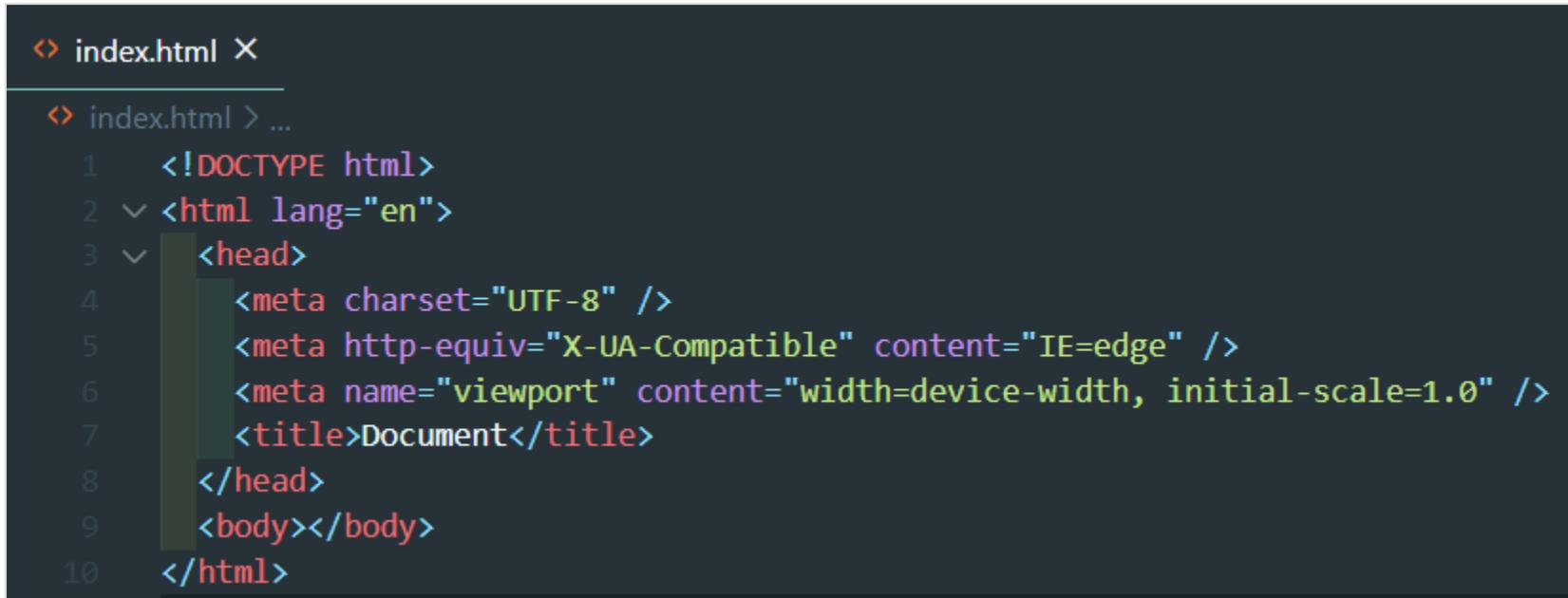


<html lang="en">  <html lang="ko">

변경 확인

✓ Emmet.

- 문서 템플릿 : **I + tab**



The screenshot shows a code editor window with a dark theme. The file is named "index.html". The code is as follows:

```
<!DOCTYPE html>
<html lang="en">
  <head>
    <meta charset="UTF-8" />
    <meta http-equiv="X-UA-Compatible" content="IE=edge" />
    <meta name="viewport" content="width=device-width, initial-scale=1.0" />
    <title>Document</title>
  </head>
  <body></body>
</html>
```

A vertical green selection bar is visible on the left side of the code editor, spanning from line 1 to line 10. The code is color-coded: blue for tags like <html>, <head>, <meta>, <title>, </head>, <body>, and </html>; green for attributes like lang="en", charset="UTF-8", http-equiv="X-UA-Compatible", content="IE=edge", name="viewport", and content="width=device-width, initial-scale=1.0"; and pink for the content of the <title> tag ("Document").

Emmet

✓ Emmet.

- CSS : [link](#)
- SCRIPT : [script](#)

The screenshot shows an Emmet abbreviation dropdown for CSS links. The input field contains "lin". Below it, the dropdown menu lists several abbreviations starting with "link": "link", "link:atom", "link:css" (which is highlighted with a yellow box), "link:favicon", "link:im", "link:import", "link:manifest", "link:mf", "link:print", "link:rss", and "link:touch".

```
<meta charset="UTF-8" />
<meta http-equiv="X-UA-Compatible" content="IE=edge" />
<meta name="viewport" content="width=device-width, initial-scale=1.0" />
<title>Emmet Test</title>
<link rel="stylesheet" href="style.css" />
<script src=""></script>
```

The screenshot shows an Emmet abbreviation dropdown for script tags. The input field contains "sc". Below it, the dropdown menu lists several abbreviations starting with "script": "script" and "script:src" (which is highlighted with a yellow box).

✓ Emmet.

- 자식 : >

```
<body>
|   table>tr>td|
</body>    ↩ table>tr>td
```

```
<body>
  <table>
    <tr>
      <td></td>
    </tr>
  </table>
</body>
```

- 형제 : +

```
<body>
|   div+p+div|
</body>    ↩ div+p+div
```

```
<body>
  <div></div>
  <p></p>
  <div></div>
</body>
```

✓ Emmet.

- 부모 : ^

```
<body>
|   div>p>h2^p>h3|
</body>    ↩ div>p>h2^p>h3
```

```
<body>
<div>
<p>
  <h2></h2>
</p>
<p>
  <h3></h3>
</p>
</div>
</body>
```

- 여러개 : *

```
<body>
|   ul>li*5|
</body>    ↩ ul>li*5
```

```
<body>
<ul>
<li></li>
<li></li>
<li></li>
<li></li>
<li></li>
</ul>
</body>
```

✓ Emmet.

- 그룹 : ()

```
<body>
  table>(tr>th*2)>(tr>td*2)*4
</body>
```

☞ table>(tr>th*2)>(tr>td*2)*4

```
<body>
  <table>
    <tr>
      <th></th>
      <th></th>
    </tr>
    <tr>
      <td></td>
      <td></td>
    </tr>
    <tr>
      <td></td>
      <td></td>
    </tr>
    <tr>
      <td></td>
      <td></td>
    </tr>
    <tr>
      <td></td>
      <td></td>
    </tr>
  </table>
</body>
```

✓ Emmet.

- 아아|ㄷ| : #

```
<body>
  div#app|  
</body>  ↗ div#app
```

```
<body>
  <div id="app"></div>  
</body>
```

- 클래스 : .

```
<body>
  ul>li.list_item*3|  
</body>  ↗ ul>li.list_item*3
```

```
<body>
  <ul>
    <li class="list_item"></li>
    <li class="list_item"></li>
    <li class="list_item"></li>
  </ul>
</body>
```

✓ Emmet.

- 문자열 : { }

```
<body>
  ul>li{메뉴}*3
</body>
```

```
<body>
  <ul>
    <li>메뉴</li>
    <li>메뉴</li>
    <li>메뉴</li>
  </ul>
</body>
```

- 넘버링 : {\$}*3

```
<body>
  ul>li{메뉴$$$}*3
</body>
```

```
<body>
  <ul>
    <li>메뉴001</li>
    <li>메뉴002</li>
    <li>메뉴003</li>
  </ul>
</body>
```

Visual Studio Code 기본 단축키

✓ 기본 단축키.

- **ctrl + x** : 잘라내기 (삭제).
- **ctrl + enter** : 커서 위치의 아래칸에 빈칸을 생성하며 줄 바꿈.
- **ctrl + shift + enter** : 커서 위치의 위칸에 빈칸을 생성하며 줄 바꿈.
- **alt + ↑(↓)** : 줄 단위 이동.
- **Shift + Alt + ↑ Shift + Alt + ↓** : 한 줄 복사.
- **ctrl + alt + ↑(↓)** : 동일 문자열을 수정 시 다중 선택.
- **ctrl + /** : 주석.
- **ctrl + shift + L** : 단어 선택 후 단축키 >> 같은 단어 선택.
- **ctrl + D** : 단어 선택 후 단축키 >> 단축키를 누른 만큼 같은 단어 선택.

- **ctrl + G** : 원하는 행으로 이동.
- **ctrl + F** : 찾기.
- **ctrl + H** : 바꿈.

내일
방송에서
만나요!

삼성 청년 SW 아카데미