# HTML5 PAGE STRUCTURE & EDITOR

Wen-Yen Wang

# HTML Page Structure

- Below is a visualization of an HTML page structure:
- **Note:** Only the content inside the <body> section (the white area above) is displayed in a browser.

```
<html>
    <head>
        <title>Page title</title>
    </head>

    <body>
        <h1>This is a heading</h1>

        <p>This is a paragraph.</p>

        <p>This is another paragraph.</p>
    </body>
</html>
```

# The <!DOCTYPE> Declaration

- The <!DOCTYPE> declaration represents the document type, and helps browsers to display web pages correctly.
- It must only appear once, at the top of the page (before any HTML tags).
- The <!DOCTYPE> declaration is not case sensitive.
- The <!DOCTYPE> declaration for HTML5 is:

```
<!DOCTYPE html>
```

# HTML Versions

- Since the early days of the web, there have been many versions of HTML:

| Version | Year |
|---------|------|
| HTML | 1991 |
| HTML 2.0 | 1995 |
| HTML 3.2 | 1997 |
| HTML 4.01 | 1999 |
| XHTML | 2000 |
| HTML5 | 2014 |

# HTML Editors

- Write HTML Using Notepad or TextEdit or Notepad++ …
  - Web pages can be created and modified by using professional HTML editors.
  - However, for learning HTML we recommend a simple text editor like Notepad (PC) or Notepad++ (PC) or TextEdit (Mac) .
  - We believe using a simple text editor is a good way to learn HTML.
  - Follow the four steps below to create your first web page with Notepad or TextEdit.
- Another selection
  - Use visual tools like Brackets.

# Using notepad

# notepad

查看更多結果

| notepad | × | 關機 | ▶ |

# Using brackets

# Download

- Go to the below web for your download
- http://brackets.io/
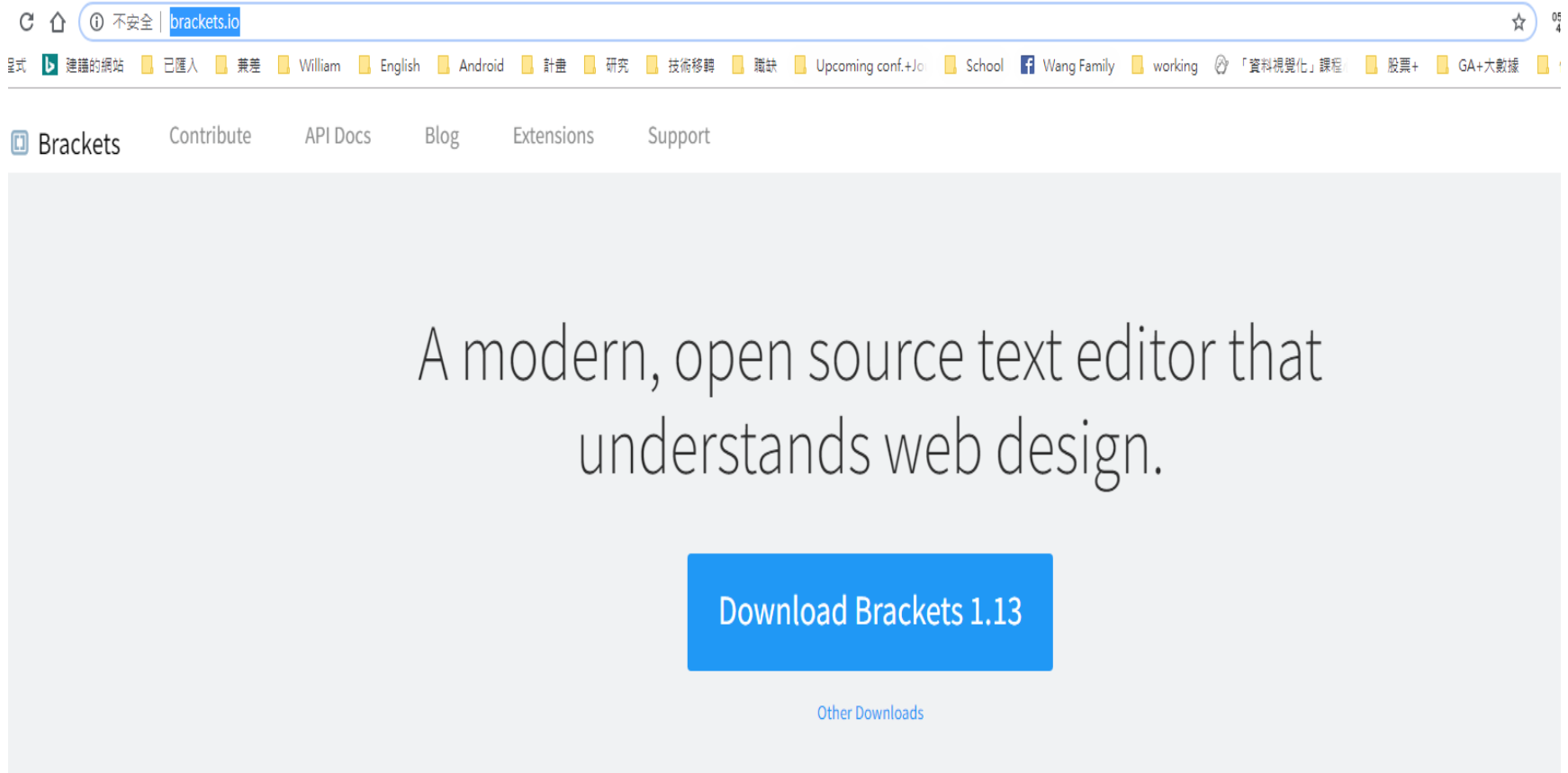
# Brackets
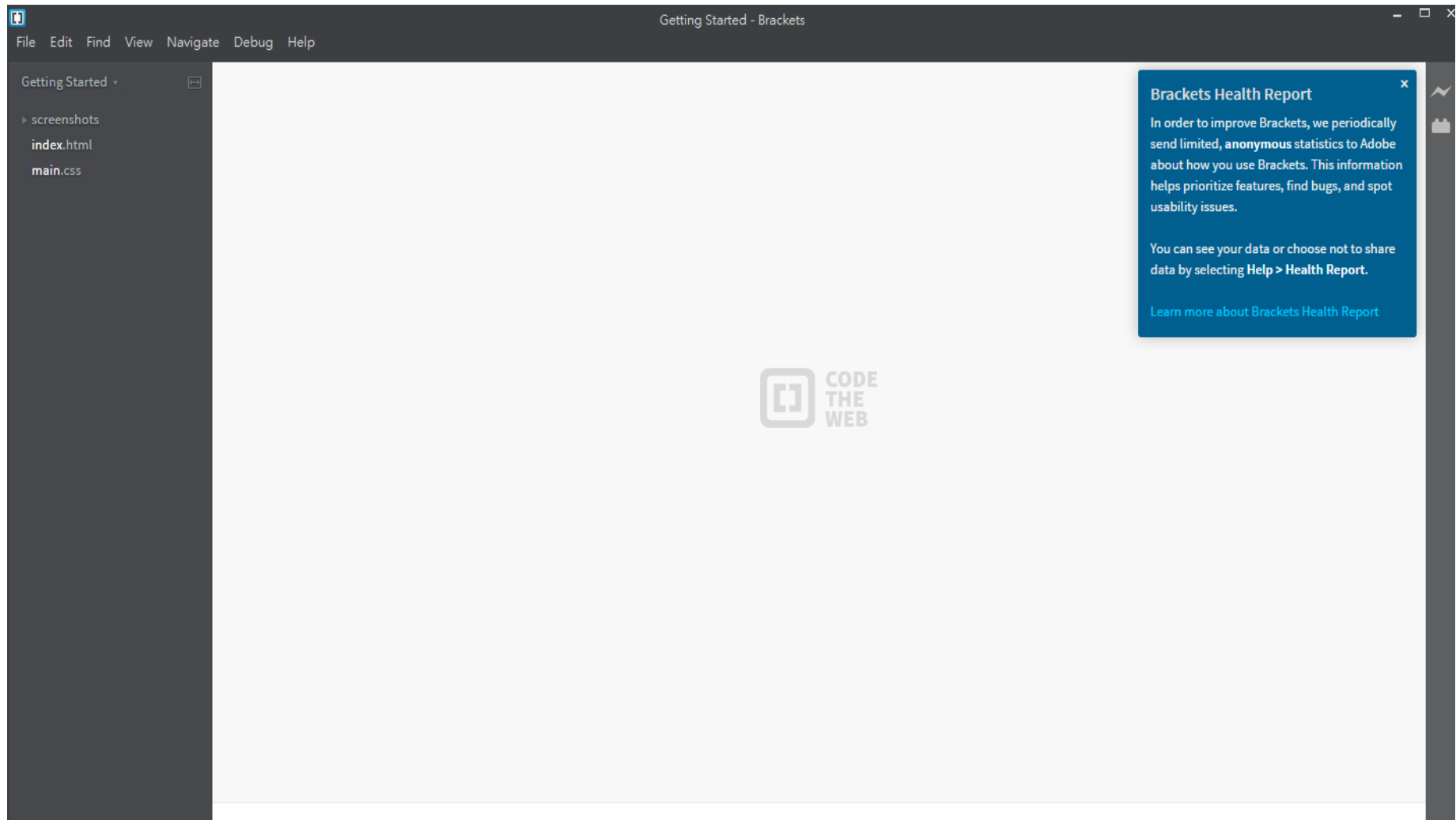
# Open folder for your working directory

- [file] → [open folder]

# Get a file

- Click on the left [file tab]
- The editor area is on the right hand side.

# Preview the result

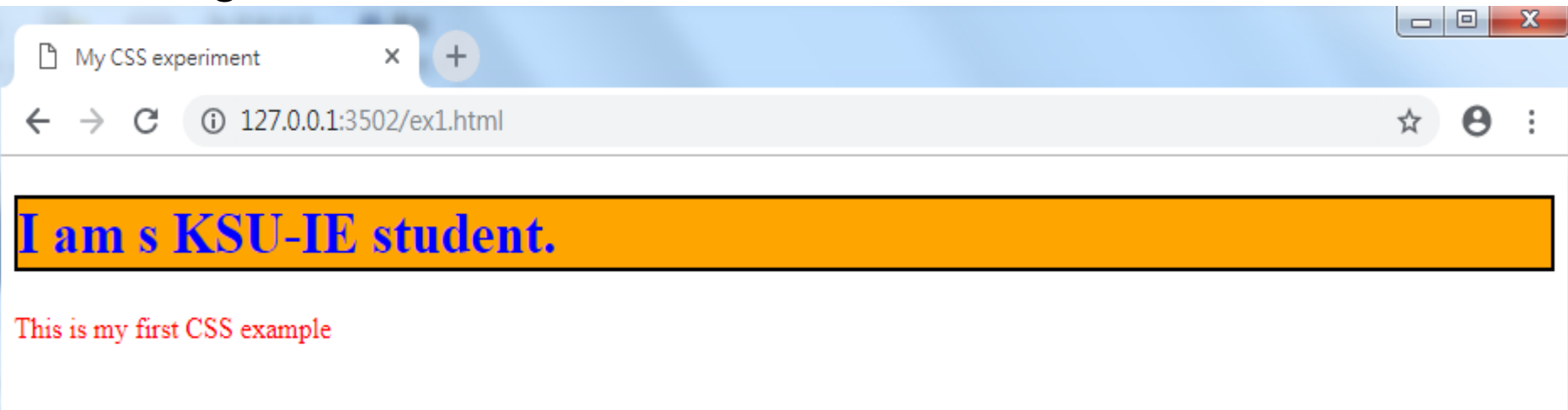- Click on the [thunder] logo on the RHS to preview the result that called Chrome as a default browser.
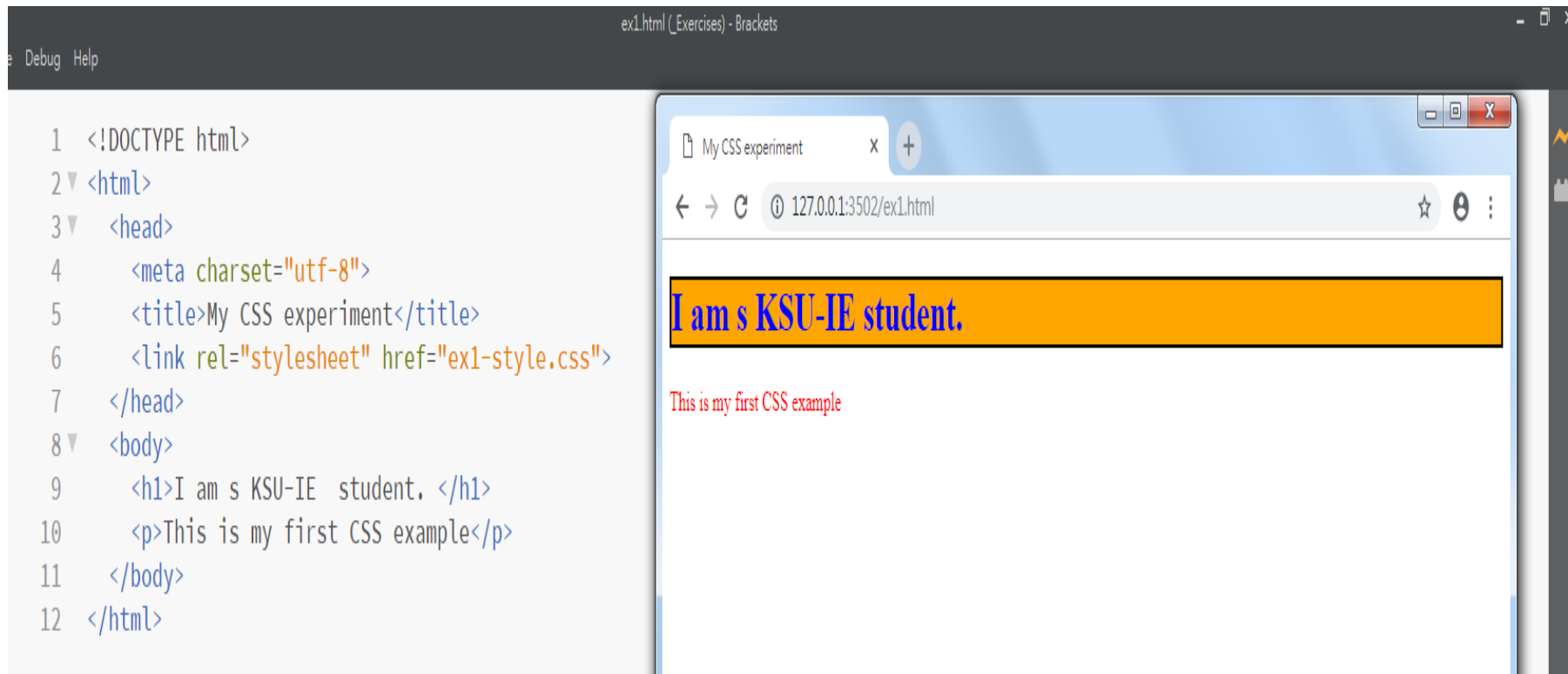
# Using port 3502

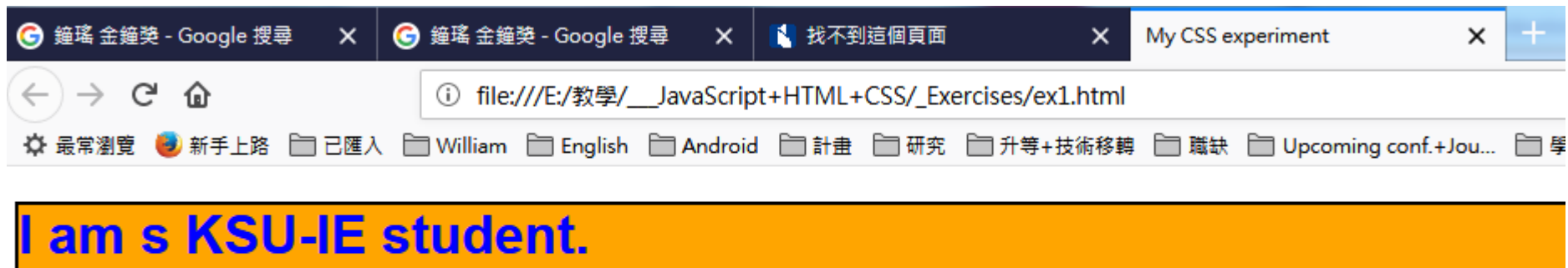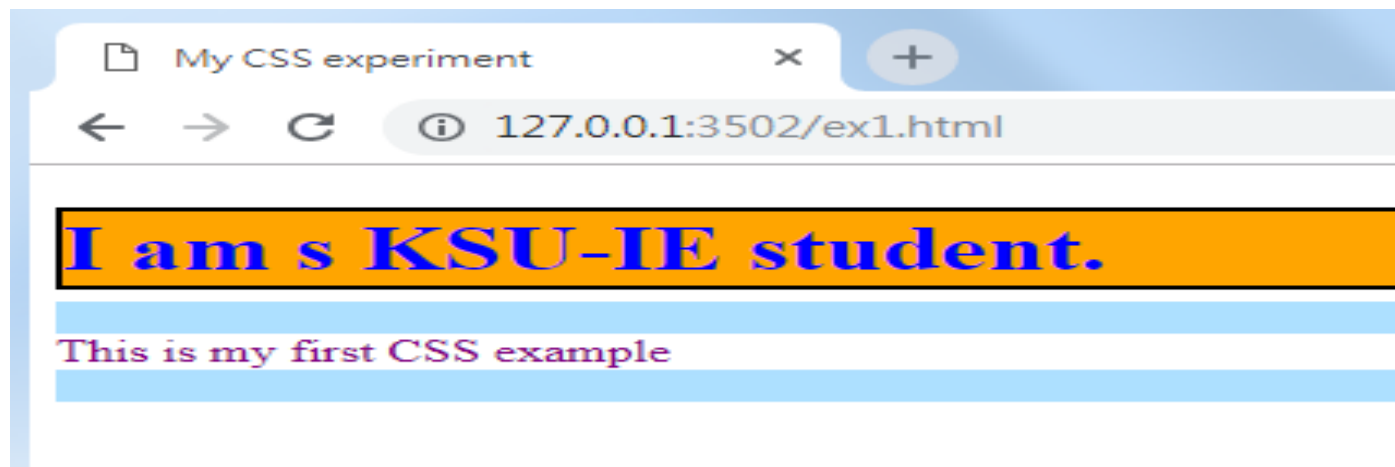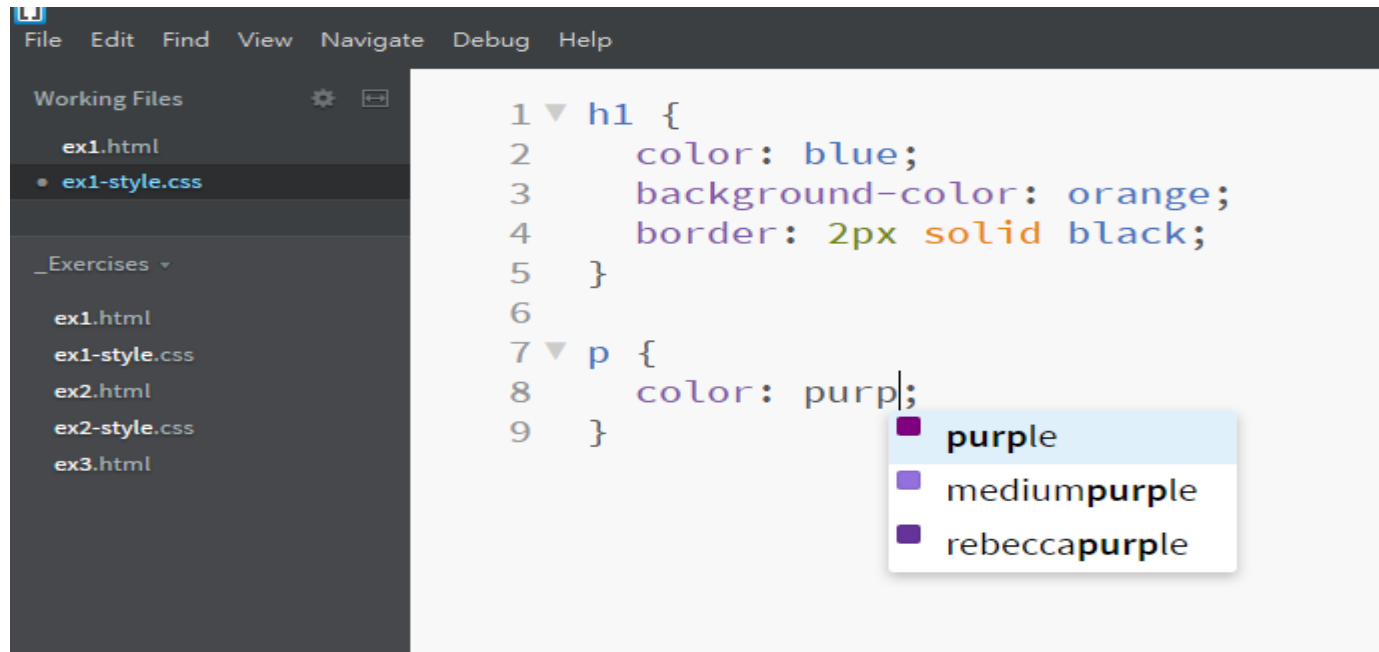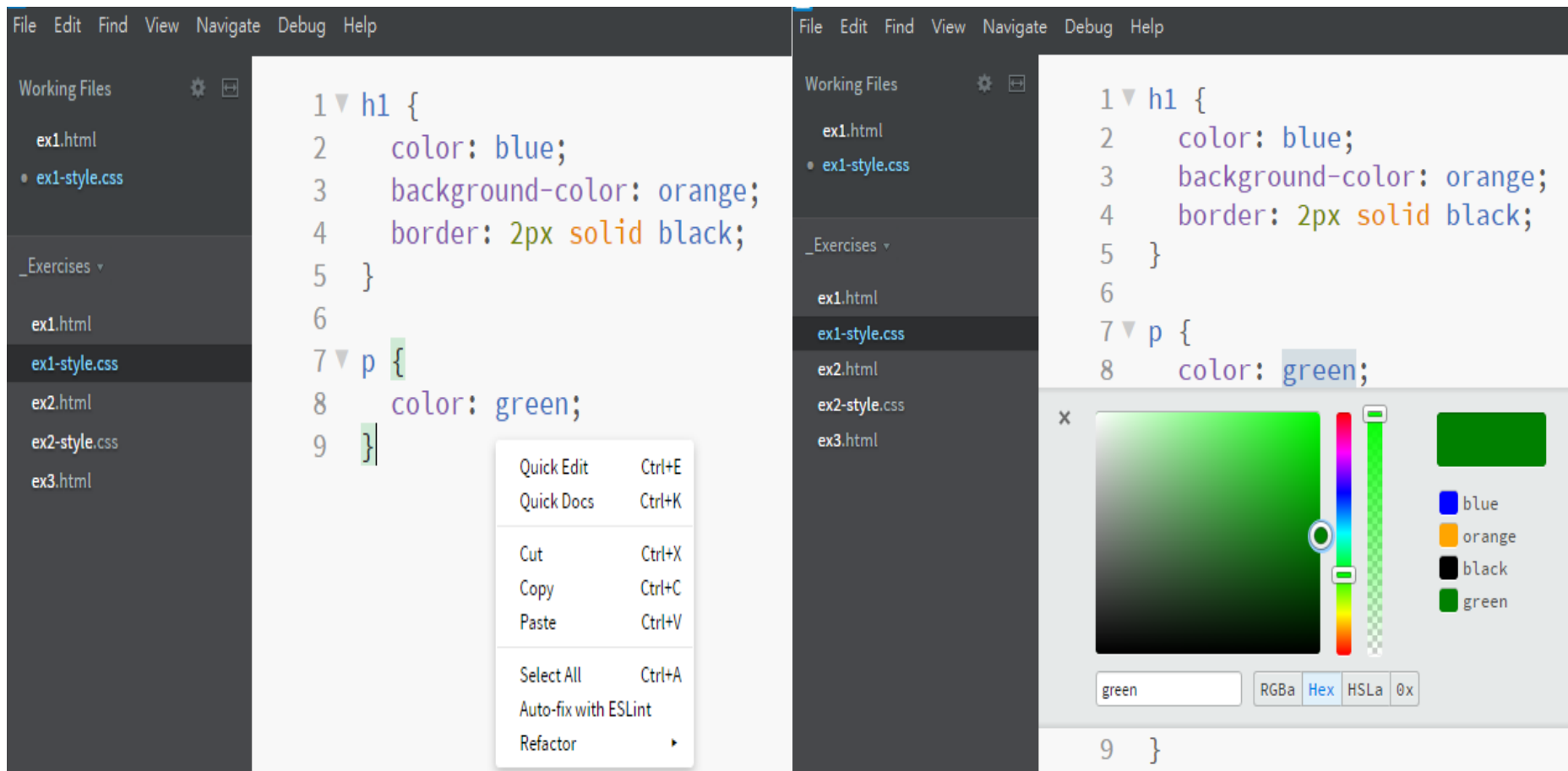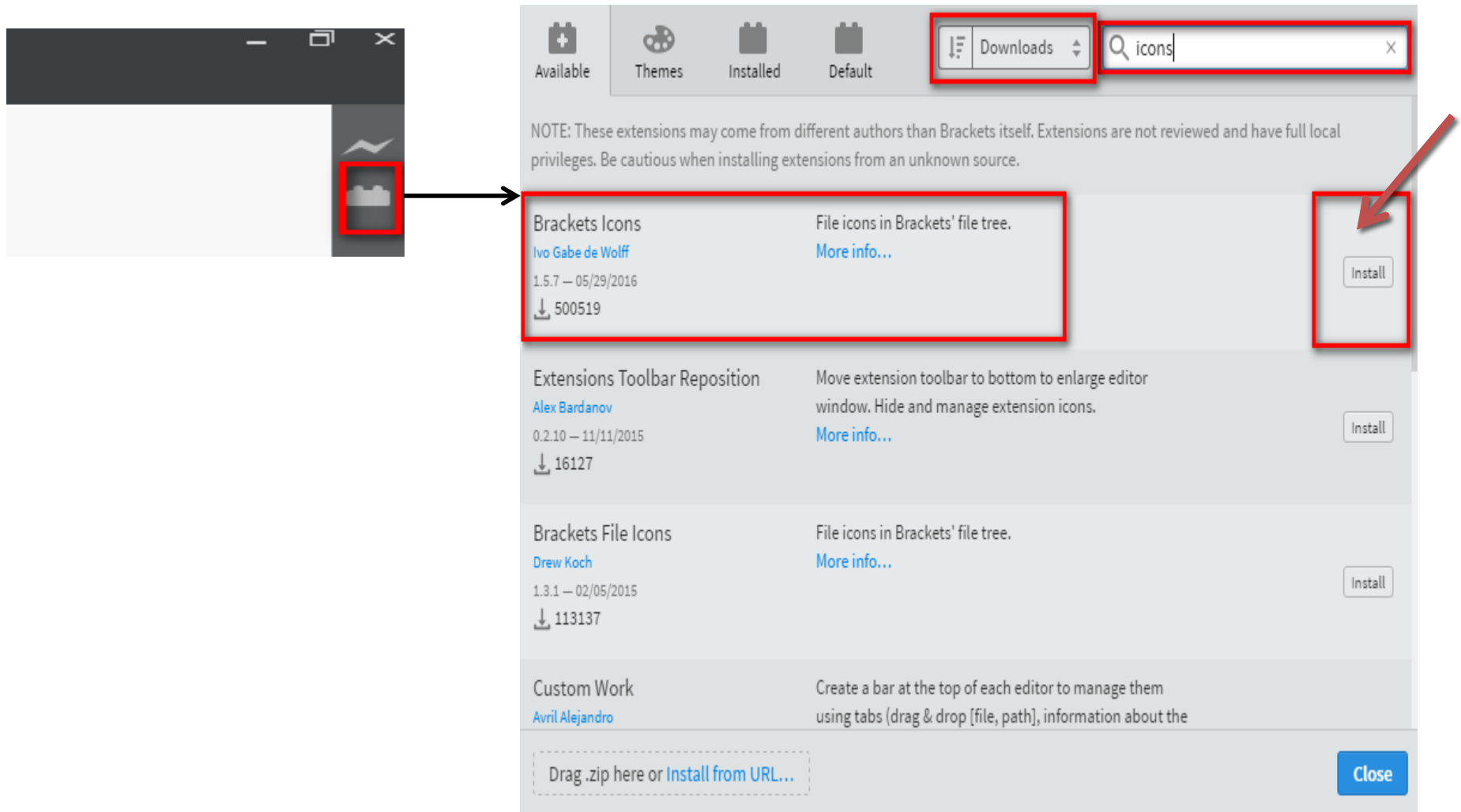- Using Brackets



- Using notepad

# Editing the CSS color

# More colors

- Click the color keyword, then click on the RHS of your mouse. Click [Quick Edit] and choose the color you want

# Plug in packages

# Packages  installed successfully

# References

- https://www.w3schools.com/
- https://caniuse.com/ to make sure what browsers support
- What is **CSS** transitions?
  http://www.w3school.com.cn/tiy/t.asp?f=css3_transition

Can I use          css transition          ?  ⚙ Settings

1 result found

Detected your country as "Taiwan". Would you like to import usage data for that country?

Import        No thanks

## CSS3 Transitions 🖹 - WD

Simple method of animating certain properties of an element, with ability to define property, duration, delay and timing function.

Usage                        % of all users
Global          92.52% + 0.06% = 92.57%
unprefixed:           91.82%

Current aligned | Usage relative | Date relative    Apply filters | Show all | ?

| IE | Edge | Firefox | Chrome | Safari | Opera | iOS Safari | Opera Mini | Android Browser | Blackberry Browser | Opera Mobile | Chrome for Android | Firefox for Android | IE Mobile | UC Browser for Android | Samsung Internet | QQ Browser |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  |  | 2 - 3.6 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | 4 |  | 3.1 - 5 | 10.1 | 3.2 - 5.1 |  |  |  |  |  |  |  |  |  |  |
| 6 - 9 |  | 5 - 15 | 4 - 25 | 5.1 - 6 | 11.5 | 6.1 |  | 2.1 - 4.3 |  | 12 |  |  |  |  |  |  |
| 10 | 12 - 17 | 16 - 64 | 26 - 71 | 6.1 - 11. | 12.1 - 56 | 7 - 11.4 |  | 4.4 - 4.4. | 7 | 12.1 |  |  | 10 |  | 4 - 7.4 |  |
| 11 | 18 | 65 | 72 | 12 | 57 | 12.1 | all | 67 | 10 | 46 | 71 | 64 | 11 | 11.8 | 8.2 | 1.2 |
|  |  | 66 - 67 | 73 - 75 | TP |  |  |  |  |  |  |  |  |  |  |  |  |

# Try it out

The End