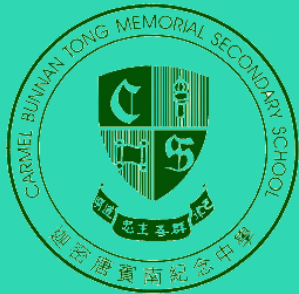


運用不同工具教授開發互聯網應用 及**Web**應用程序工作坊



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Introduction to platforms, useful tools and other resources to facilitate teaching of topics like PHP, CSS, responsive web application design, string manipulation via regular expression, etc.

介紹平台、有用的工具和其他資源，以促進 PHP、CSS、響應式 Web 應用程序設計、通過正則表達式進行字符串操作等主題的教學。

編輯工具

- notepad++
- w3schools (css animation, responsive)
- <https://html-css-js.com/> (online editor)
- atom.io (github connection)

Notepad++

*C:\Users\ncl\Desktop\test.html - Notepad++ [Administrator]

檔案(F) 編輯(E) 搜尋(S) 檢視(V) 編碼(N) 語言(L) 設定(T) 工具(O) 巨集(M) 執行(R) 外掛(P) 視窗(W) ?



test.html x

```
1 <h1>Iframe示範 - 嵌入另一網頁</h1>
2
3 <iframe src="https://www.cbt.edu.hk" title="cbt" width="640" height="480">
4 </iframe>
5
6 <iframe src="https://www.yahoo.com.hk" title="Yahoo" width="640" height="480">
7 </iframe>
8
9
10 </body>
11 </html>
```

檔案名稱(N): test.html

存檔類型(T): Hyper Text Markup Language file (*.html;*.htm;*.shtml;*.shtm;*.xhtml;*.xht;*.hta)

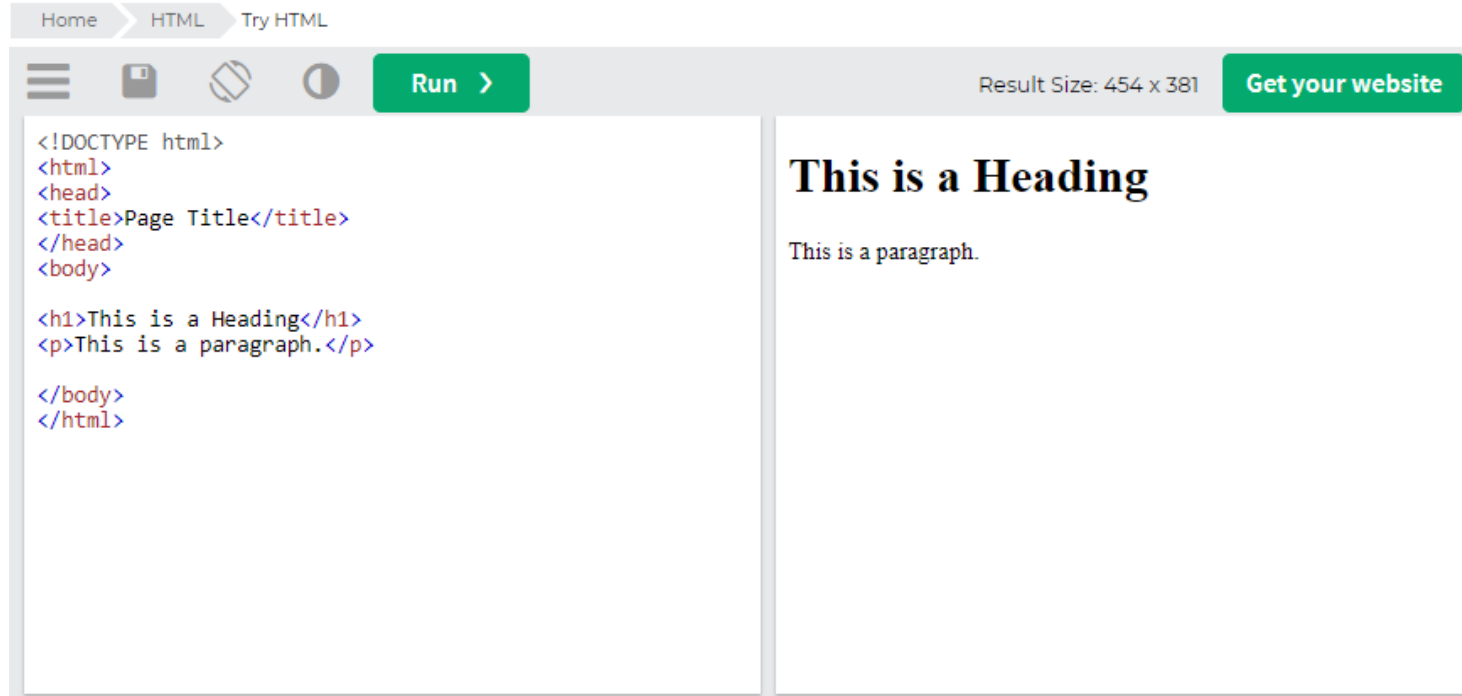
隱藏資料夾

Append extension

存檔(S)

取消

w3schools



The screenshot shows the w3schools online HTML editor. At the top, there are navigation tabs for 'Home', 'HTML', and 'Try HTML'. Below the tabs is a toolbar with icons for a menu, save, print, and refresh, followed by a green 'Run >' button. On the right side of the toolbar, it displays 'Result Size: 454 x 381' and a green button that says 'Get your website'. The main area is split into two panels. The left panel contains the following HTML code:

```
<!DOCTYPE html>
<html>
<head>
<title>Page Title</title>
</head>
<body>

<h1>This is a Heading</h1>
<p>This is a paragraph.</p>

</body>
</html>
```

The right panel shows the rendered output of the code, which is a white box containing a large, bold heading 'This is a Heading' and a paragraph 'This is a paragraph.' below it.

html-css-js.com

The screenshot shows a web browser window with the URL `html-css-js.com`. The page has a navigation bar with three main sections: **HTML** (orange), **CSS** (blue), and **JS** (yellow). Below this is a secondary menu with links: **Editor**, **Tags**, **CheatSheet**, **Characters**, **Generators**, **Templates**, **Blog**, **Tutorial**, and **Links**. There are also icons for settings, a plus sign for 'Include', and a 'Save/Share' button.

The main editing area is split into three panes:

- HTML Pane:** Contains the following code:

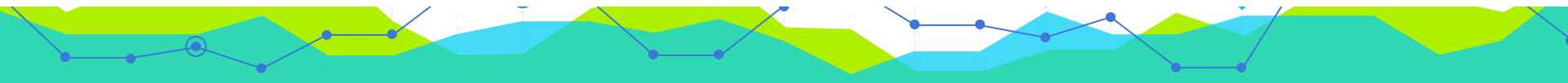
```
1 <!DOCTYPE html>
2 <html>
3 <head>
4 <title>HTML CSS JS</title>
5 </head>
6
7 <body>
8 <h1 id="welcome">HTML CSS JS</h1>
9 <p>welcome to HTML-CSS-JS.com</p>
10 <script>
11 document.write("Hello world2")
12 </script>
13 <p>online HTML, CSS and Javascript editor
14 with instant preview.</p>
15
```
- CSS Pane:** Contains the following code:

```
1 /* CSS styles */
2 h1 {
3 font-family: Impact, sans-serif;
4 color: #CE5937;
5 }
6
7 p {
8
9 color:blue;
10 }
11
```
- JavaScript Pane:** Contains the following code:

```
1 // JavaScript
2 document.getElementById('welcome').innerText +=
3 " Editors";
4
5 document.write("Hello world")
6
7
```

The right side of the browser shows the rendered output of the code. It features a large heading **HTML CSS JS Editors** in orange, followed by a blue link [Welcome to HTML-CSS-JS.com](#). Below that, the text "Hello World2" is displayed in black, followed by another blue link [Online HTML, CSS and JavaScript editor with instant preview.](#), and finally "Hello World" in black. A "Privacy" icon is visible in the bottom right corner of the browser window.

Topic	Learning Outcomes	Remarks
b. Web Programming and Applications (24 hours)		
i. Web authoring and publishing	<ul style="list-style-type: none"> • Edit web pages. • Publish content on web. 	<p>Students should be able to edit HTML code of web pages and apply a consistent look and style across a set of web pages through Cascading Style Sheets (CSS).</p> <p>Students should know different ways for publishing content on the web. For example, building a website and posting content through a web-based content management system.</p>
ii. Web programming and applications	<ul style="list-style-type: none"> • Understand the difference between server-side and client-side technologies. • Create client interfaces. 	<p>Students should be able to create client interfaces in form of web page and application.</p>



例子1

Students should be able to edit HTML code of web pages and apply a consistent look and style across a set of web pages through Cascading Style Sheets (CSS).

<https://www.cbt.edu.hk/~ncl/demo/linkcss.html>



例子2

Students should be able to create client interfaces in form of web page and application.

<https://www.cbt.edu.hk/~ncl/demo/menu.html>

<https://www.cbt.edu.hk/~ncl/demo/menu2.html>

<https://www.cbt.edu.hk/~ncl/rwd/rwd3.html>



Topic	Learning Outcomes	Remarks
	<ul style="list-style-type: none"><li data-bbox="643 132 1151 200">• Demonstrate simple client-side and server-side scripts.<li data-bbox="643 514 1141 549">• Develop a simple web application.<li data-bbox="643 899 1141 968">• Be aware of the new trends in web application development.	<p data-bbox="1290 132 1431 161">Examples:</p> <ul style="list-style-type: none"><li data-bbox="1290 170 1823 239">• Process input data from clients (e.g. calculation on quadratic equation)<li data-bbox="1290 247 1850 316">• Simple data validation (e.g. check the range of numeric input)<li data-bbox="1290 325 1862 394">• Retrieve and update data from a single database table<li data-bbox="1290 402 1802 471">• Use of Cookies for storing of user information <p data-bbox="1290 514 1872 620">Students should be able to integrate client-side and server-side scripts to develop the application.</p> <p data-bbox="1290 662 1431 692">Examples:</p> <ul style="list-style-type: none"><li data-bbox="1290 701 1789 769">• Search engine on restaurants in a shopping mall<li data-bbox="1290 778 1765 808">• Homework checklist for a class<li data-bbox="1290 816 1841 852">• Personal weight management system

例子3

- Demonstrate simple client-side and server-side scripts.

Examples:


- Process input data from clients (e.g. calculation on quadratic equation)
- Simple data validation (e.g. check the range of numeric input)
- Retrieve and update data from a single database table
- Use of Cookies for storing of user information

https://www.cbt.edu.hk/~ncl/demo/js_demo.html

<https://www.cbt.edu.hk/~ncl/demo/bmi.html>

atom.io

Packages Themes Documentation Blog Discussions Sign in



ATOM

1.60.0
Release notes

Windows
For 64-bit Windows 7 or later

[Download](#)

By downloading, you agree to the [Terms and Conditions](#).

[Other platforms](#) [Try Atom Beta](#) [Try Atom Nightly](#)

hello.html — C:\Users\nc\Documents\atom — Atom

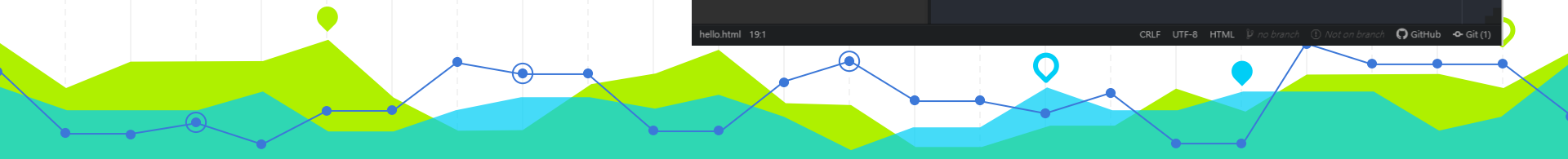
Project

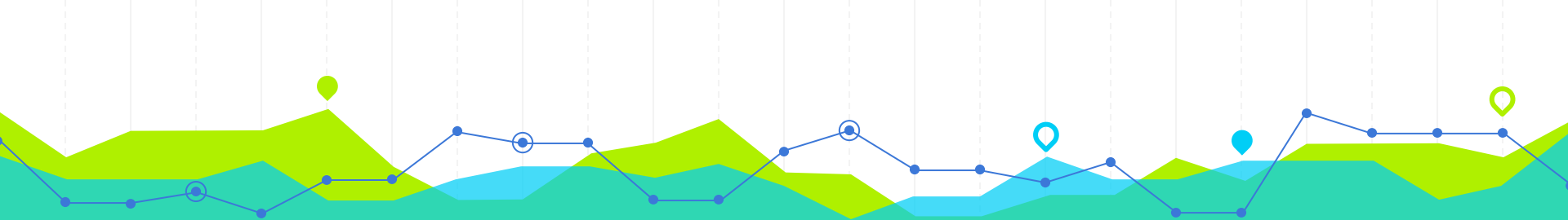
- atom
- hello
 - hello.html

```
1 <!DOCTYPE html>
2 <html>
3 <head>
4 <style>
5 p {
6   text-align: center;
7   color: red;
8 }
9 </style>
10 </head>
11 <body>
12
13 <p>Every paragraph will be affected by the style.</p>
14 <p id="para1">Me too!</p>
15 <p>And me!</p>
16
17 </body>
18 </html>
19
```

hello.html 19:1

CRLF UTF-8 HTML no branch Not on branch GitHub Git (1)





完