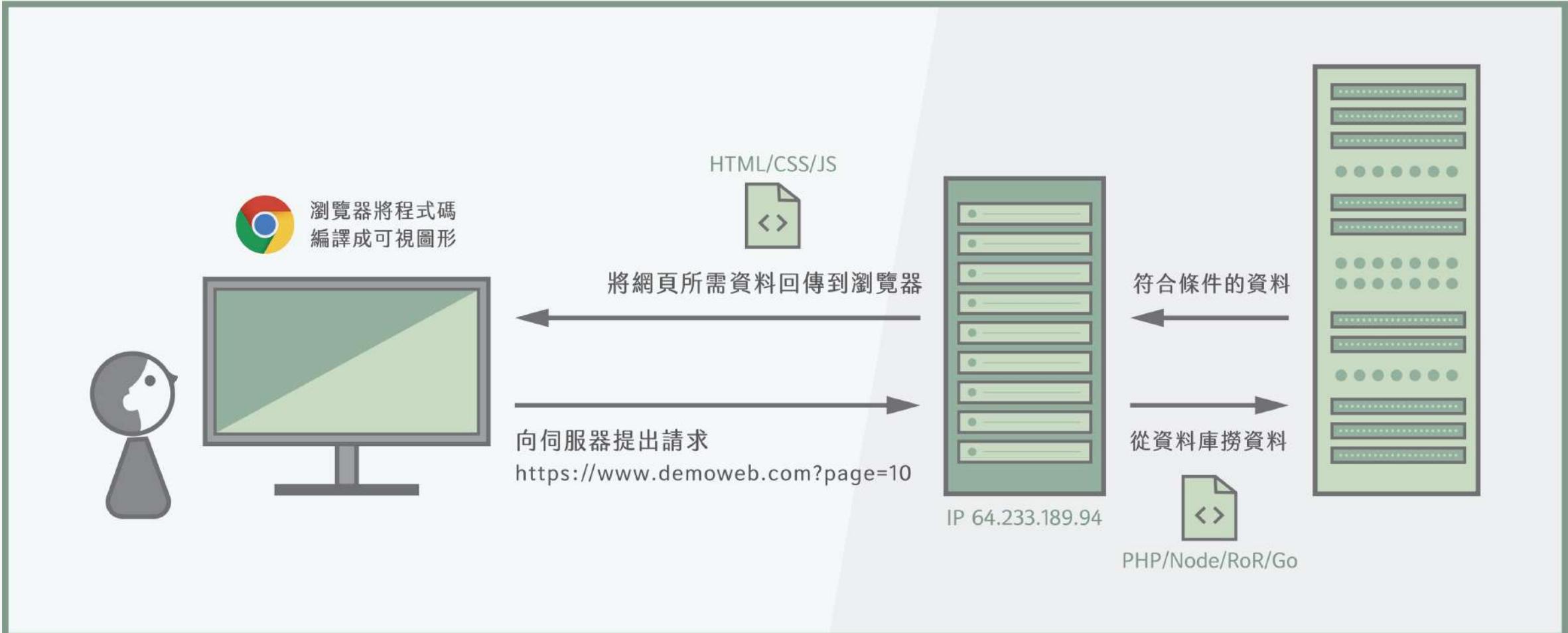


畫面怎麼呈現出來的？

前端、後端、資料庫

前端(Front-End) 後端(Back-End) 資料庫(Database)



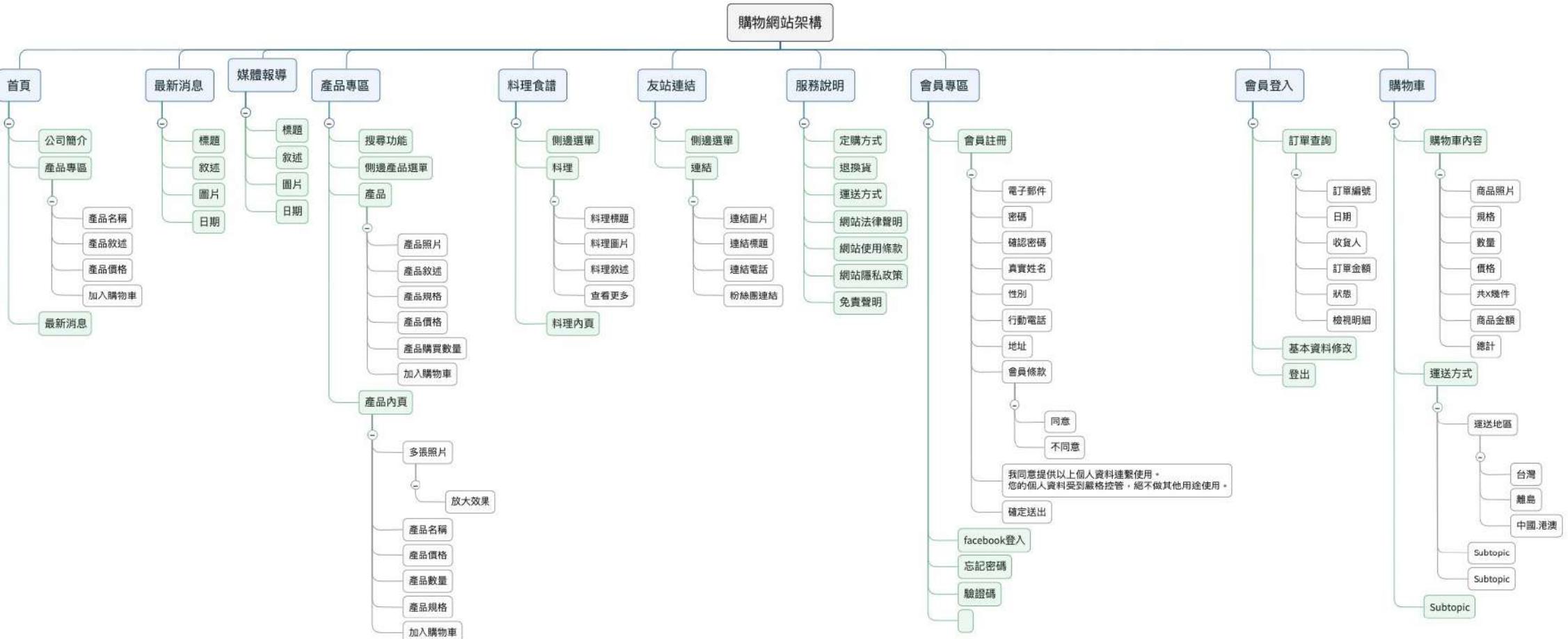
網站開發流程規劃

網頁流程圖、版面設計

開發流程 (Process)



功能架構圖 (Site Structure)



版面設計 (UI Design)

Screenshot of Sketch application showing a UI design for "O.A Nail".

The interface includes:

- Top menu bar: Insert, Data, Symbols, Create Symbol, Edit, Outlines, Transform, Rotate, Flatten, Mask, Scale, View, Union, Subtract, Intersect, Difference.
- Left sidebar:
 - PAGES: Page 1 (selected), Index, Index 2, about, service, works, blog, faq, discount.
 - Symbols: Line 3 Copy 6, Line 3 Copy 5, Line 3 Copy 4, Line 3 Copy 3, Line 3 Copy 2, Line 3 Copy, Line 3, Aa 領取優惠, Aa 立即預約, Aa 常見問題, Aa 文章分享, Aa 作品案例, Aa 服務項目, Aa Discount, Aa Contact, Aa FAQ, Aa Blog, Aa Works, Aa Service, Image 1.
 - discount 2:
 - Fill 1 Copy 5, Fill 1 Copy 4, Fill 1 Copy 3.
 - Aa 首頁 - 領取優惠.
 - Group 3:
 - Aa O.A Nail 日式美...
 - Aa 【填寫資料，來...
- Right sidebar:
 - Link, Preview, Cloud, Export.
 - Style panel: X, Y, W, H, Angle, Rotation, Scale.
 - Fills, Borders, Shadows, Inner Shadows, Blurs.
 - Anima panel: LAYOUT (selected), PROTOTYPE, EXPORT.
 - Stack, Padding.
 - Pins.
 - Preview in Browser.

網頁設計資源

參考網站、配色網站等

集合網站

awwwards.(網頁設計界的奧斯卡) <https://www.awwwards.com>

CSS Design Awards <https://www.cssdesignawards.com>

siteinspire <https://www.siteinspire.com>

WebDesignFile <http://www.webdesignfile.com>

WebDesignClip <https://www.webdesignclip.com>

S5-Style <https://bm.s5-style.com>

RWD JP <https://responsive-jp.com>

Codrops <https://tympanus.net/codrops/>

台灣設計公司

版塊設計 <https://blockstudio.tw/project/webdesign/>

尋根究底 <https://view-source.com/work/>

愛貝斯網路 <https://www.ibest.com.tw/work/>

米洛科技 <https://webtech.com.tw/works.php>

威亞創意 <https://www.weya.com.tw/web-design/>

愷偲品牌 https://www.cosmo-br.com/works_type/3/

艾迪網頁 <https://ideaweb.com.tw/work/>

山川久也 <https://www.nsdi.com.tw/works/>

相關社群

網站趨勢 WebCRACK (FB 社團) <https://facebook.com/groups/webtrendcollection/>

Website effects Taiwan | 特效網站技術交流台灣站 (FB 社團) <https://facebook.com/groups/website.effect/>

Front-End Developers Taiwan (FB 社團) <https://www.facebook.com/groups/f2e.tw/>

JavaScript.tw (FB 社團) <https://www.facebook.com/groups/javascript.tw/>

this.web 請網這邊走 | 前端 x 轉職 x 提升競爭力 (IG 帳號) <https://www.instagram.com/this.web/>

Sarvarjon_Davronov (IG 帳號) <https://www.instagram.com/sarvarcoder/>

設計女子艾瑪 | UI/UX | Product designer (IG 帳號) https://www.instagram.com/emma_uiuxdesign/

Web Design Inspiration (IG 帳號) <https://www.instagram.com/welovewebdesign/>

哲宇寇汀吧 CheYu's Coding Bar (YouTube 頻道) <https://www.youtube.com/@BossCODINGplease/videos/>

免費圖庫

Pexels <https://www.pexels.com/zh-tw/>

freepik <https://www.freepik.com>

visualhunt <https://visualhunt.com>

Unsplash <https://unsplash.com>

StockSnap.io <https://stocksnap.io>

Gratisography <https://gratisography.com/>

免費 ICON

Iconify <https://iconify.design/>

Font Awesome <https://fontawesome.com>

flaticon <https://www.flaticon.com>

Fontello <http://fontello.com>

Iconstore <https://iconstore.co>

Noun Project <https://thenounproject.com>

配色參考

Coolors <https://coolors.co>

Color Hunt <https://colorhunt.co>

Adobe Color <https://color.adobe.com/zh/create/color-wheel>

其他

Google Fonts (雲端字型) <https://fonts.google.com>

GitMind (架構心智圖) <https://gitmind.com/tw/>

iLoveIMG (圖片壓縮) <https://www.iloveimg.com/>

TinyPng (圖片壓縮) <https://tinypng.com/>

Favicon Generator (Favicon 產生器) <https://realfavicongenerator.net/>

JS 第三方插件

Swiper (輪播) <https://www.swiper.com.cn/>

AOS (進場動畫) <https://michalsnik.github.io/aos/>

Lenis (平滑滾動) <https://lenis.studiofreight.com/>

Parallax (滑鼠視差) <https://matthew.wagerfield.com/parallax/>

Masonry (瀑布流) <https://masonry.desandro.com/>

PhotoSwipe (圖片燈箱) <https://photoswipe.com/>

Lazyload (圖片懶加載) <https://github.com/verlok/vanilla-lazyload/>

Vivus (SVG 動畫) <https://maxwellito.github.io/vivus/>

Echarts (數據圖表) <https://echarts.apache.org/zh/>

UIKit (集成框架) <https://getuikit.com/>

GSAP (強大的動畫庫) <https://gsap.com/>

Swup (PJAX 換頁動畫) <https://swup.js.org/>

Barba (PJAX 換頁動畫) <https://barba.js.org/>

Three (3D 函式庫) <https://threejs.org/>

Pixi (2D WebGL 函式庫) <https://pixijs.com/>

P5 (Creative Coding 函式庫) <https://p5js.org/>

Paper (向量 Canvas 函式庫) <http://paperjs.org/>

期末專題製作

不限主題製作互動式風格網頁

專題說明

① 參考國內外現有網站進行重新規劃設計。

優點：直接使用該網站原有素材、照片、文字，無需另外花時間找素材想文字。

② 自家品牌、企業（已有完整 Logo、品牌故事、文案等）。

優點：製作完成可直接部署上線使用。

③ 製作個人作品集網站，可供往後持續作品新增。

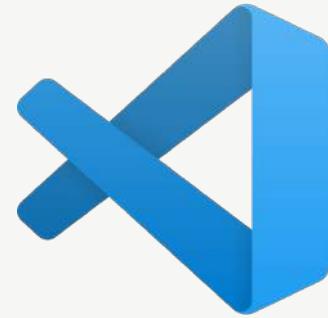
優點：直接使用於日後面試。

- ❖ 首頁及內頁 6 頁（含）以上，若形式為一頁式網站則須有 6 塊（含）以上區域內容。
- ❖ 需有 RWD 韻應式，且至少使用一個互動特效。

專案範例：<https://jarvischao.github.io/course-megaport/>

網站開發工具

CodePen、VSCode



Visual Studio Code

CodePen 快捷鍵

快捷鍵使用總覽

CodePen 快捷鍵 (Windows)

標籤 + Tab

新增標籤

Tab

游標於行首時增加縮排

Shift + Tab

減少縮排

Ctrl + Z

還原上一步

Ctrl + Shift + Z

取消還原動作

Ctrl + S

儲存文件

Ctrl + L

選取當前整行

Ctrl + D

依序選取相同文字

Ctrl + Enter

於下列插入新的一行

Ctrl + Shift + Enter

於上列插入新的一行

Alt + ↑

所選取行向上移動

Alt + ↓

所選取行向下移動

Ctrl + ← / →

移動游標至字首/字尾

Home / End

移動游標至行首/行尾

Ctrl + /

註解與移除註解

CodePen 快捷鍵 (Mac)

標籤 + Tab

新增標籤

Tab

游標於行首時增加縮排

Shift + Tab

減少縮排

Command + Z

還原上一步

Command + Shift + Z

取消還原動作

Command + S

儲存文件

Command + L

選取當前整行

Command + D

依序選取相同文字

Command + Enter

於下列插入新的一行

Command + Shift + Enter

於上列插入新的一行

Option + ↑

所選取行向上移動

Option + ↓

所選取行向下移動

Option + ←/→

移動游標至字首/字尾

Command + ←/→

移動游標至行首/行尾

Command + /

註解與移除註解

CodePen 基本設置

The screenshot shows the 'Your Work' section of the CodePen interface. On the left is a sidebar with navigation links like 'CREATE', 'Your Work', 'Activity', 'Assets', etc. The main area displays a grid of projects, with three visible titles: 'Vue.js 前端框架介紹及應用', 'jQuery 介紹及使用', and 'JS 概念及應用'. A search bar at the top is followed by tabs for 'Following', 'Trending', and 'Your Work'. To the right, a vertical sidebar lists options such as 'Your Work', 'Profile', 'New Pen', etc., with 'Settings' highlighted by a red box. At the bottom, there's an advertisement for Adobe Creative Cloud.

SEARCH Search for... Search

GRID LIST SORT BY Date Created SORT DIRECTION

Pens Projects Collections Deleted

Following Trending Your Work

Vue.js 前端框架介紹及應用

jQuery 介紹及使用

JS 概念及應用

Settings

Log Out

Your Work

Profile

New Pen

New Project

New Collection

Asset Manager

Embed Theme Builder

Upgrade to PRO

Documentation

Support

CodePen PRO

Adobe Creative Cloud for Teams starting at \$33.99 per month.

<https://codepen.io/settings/>

CodePen 基本設置

The screenshot shows the CodePen settings interface. On the left, there's a sidebar with sections like 'CREATE' (Pen, Project, Collection), 'Your Work' (Activity, Assets, Pinned Items), 'Following', 'Trending', 'Challenges', and 'Spark'. Below that is a 'CodePen PRO' section with an Adobe Stock advertisement. The main area is titled 'Settings' and contains 'Editor Preview' where you can choose themes and fonts, and see a preview of the CSS code. The 'Editor Preferences' section is highlighted with a red box. Under 'Content Preferences', there's a 'Syntax Highlighting' section with two columns of theme options. The 'Dark Themes' column includes Twilight, Solarized Dark, Tomorrow Night, Oceanic Dark, Panda, DuoTone Dark, and High Contrast Dark. The 'Light Themes' column includes Classic, Solarized Light, XQ Light, Oceanic Light, MDN Like, DuoTone Light, and High Contrast Light. At the bottom, there's a note about a limited time offer for Adobe Stock images.

Settings - CodePen

codepen.io/settings/editor

Search CodePen...

CREATE

Pen

Project

Collection

Your Work

Activity

Assets

Pinned Items

Following

Trending

Challenges

Spark

CodePen PRO

MAKE IT WITH ADOBE STOCK.
Get 10 free images >

Limited time offer: Get 10 free Adobe Stock images.
(ads via Carbon)

Settings

Profile

Account

Billing

Notifications

Privacy

Editor Preferences

Content Preferences

Editor Preview

Choose your theme and fonts below and see how they look here.

HTML CSS JS

Sticky Preview On

```
1 html, body {  
2   height: 100%; /* Full Screen */  
3 }  
4 body::after {  
5   content: "foo !== bar"  
6 }  
7 @media (min-width: 300px) {  
8   .cool {  
9     padding: 5%;  
10 }  
11 }
```

Syntax Highlighting

Dark Themes

- Twilight
- Solarized Dark
- Tomorrow Night
- Oceanic Dark
- Panda
- DuoTone Dark
- High Contrast Dark

Light Themes

- Classic
- Solarized Light
- XQ Light
- Oceanic Light
- MDN Like
- DuoTone Light
- High Contrast Light

CodePen 基本設置

The screenshot shows the CodePen settings interface in a browser window. The left sidebar has sections like CREATE (Pen, Project, Collection), Your Work, Activity, Assets, Pinned Items, Following, Trending, Challenges, and Spark. A PRO badge is at the bottom. The main area is titled 'Fonts'.

Code Font Family: System Fonts (dropdown menu)

Code Font Size: 15 (input field)

Key Bindings: Sublime Text (radio button selected)

Code Indentation: Tabs (radio button selected)

Indent Width: 2 (input field)

Preprocessor & Library Defaults: Specific what every new Pen will start with here

HTML Preprocessor: (highlighted in blue)

Prefixing:

A large red watermark in the center of the page reads "設定為 Sublime 快捷鍵".

CodePen 基本設置

The screenshot shows the 'Settings - CodePen' page at codepen.io/settings/editor. The interface is dark-themed.

Indent Width: Set to 2.

自動加入 CSS 前綴 (Automatically add CSS prefixes) is highlighted with a red box.

Preprocessor & Library Defaults: Specific what every new Pen will start with here instead of editing it in the settings modal on each new Pen.

HTML Preprocessor: None

CSS Preprocessor: None

JS Preprocessor: None

CSS Reset: Neither

Editor Options:

- Format On Save
- Line Numbers
- Line Wrapping
- Code Folding
- Match Brackets/Tags
- Autocomplete

Emmet: CodePen supports Emmet. Active (switch is green)

Left sidebar (CREATE section):

- Pen
- Project
- Collection

Left sidebar (Your Work section):

- Your Work
- Activity
- Assets
- Pinned Items

Left sidebar (Following section):

- Following
- Trending
- Challenges
- Spark

Bottom left sidebar (CodePen PRO section):

- Adobe Stock

CodePen 基本設置

The screenshot shows the 'Settings - CodePen' page at codepen.io/settings/editor. The interface includes a sidebar with 'CREATE' sections for 'Pen', 'Project', and 'Collection'. Below these are sections for 'Your Work', 'Activity', 'Assets', 'Pinned Items', 'Following', 'Trending', 'Challenges', and 'Spark'. A 'CodePen PRO' badge is also present. The main content area contains several configuration sections:

- Preprocessor & Library Defaults**: A note stating "Specify what every new Pen will start with here instead of editing it in the settings modal on each new Pen."
- Indent Width**: Set to 2.
- HTML Preprocessor**: Set to None.
- Prefixing**: Set to Autoprefixer.
- CSS Preprocessor**: Set to None.
- JS Preprocessor**: Set to None.
- CSS Reset**: Set to Neither.
- Editor Options**: Includes checkboxes for Format On Save (unchecked), Line Numbers (checked), Line Wrapping (checked), Code Folding (checked), Match Brackets/Tags (checked), and Autocomplete (checked).
- Emmet**: Shows the message "CodePen supports Emmet." with an Active/Inactive toggle switch set to Active.
- 程式碼自動完成提示** (Program Code Auto-completion Hint): A red text overlay highlighting the 'Autocomplete' checkbox in the Editor Options section.