

Set up visual studio code for web development:

URL: <https://www.youtube.com/watch?v=4NFFsQC77M>

Note on extensions:

- Live Server: install
- Bootstrap: skip
- Javascript: skip

Other extensions will be installed later when needed.

Set up XAMPP for hosting web server development

Install XAMPP

URL: <https://www.youtube.com/watch?v=-f8N4FEQWyY>

Select components:

- Apache
- MySQL
- PHP
- phpMyAdmin

Configure web server to host the development folder

Steps:

- locate web server's root folder: C:\xampp\htdocs (C:\xampp is the default installation folder, change it if you used another installation folder in set-up)
- create a dev sub-folder: C:\xampp\htdocs\dev
- create all web development files (html, css, js, etc.) in the dev subfolder.
- view the development server on browser: <http://localhost/dev>

Working with your dev folder on VSCode

- Start VSCode
- Select: File/Open folder Browse to select the dev folder that you set up previously
- Create subfolders and files in your dev folder: use the buttons next to each folder name (visible when you hover the mouse over it).
- Organise your resources by each weekly tasks. Example:
 - for week 1: create a subfolder w01.
 - for week 1's tasks 1: create a subfolder w01/t1 for all resources pertaining to this task
 - and so on

(Optional) Creating a VSCode workspace for your dev folder

Helps easily organise different code projects.

- Start VSCode
- Select: File/Open folder Browse to select the dev folder that you set up previously
- Select: File/Save workspace as Name it: dev.code-workspace
- That's it! Start creating subfolders and files in your dev folder using this workspace. Organise your files by weeks and tasks. Example:
 - create folder w01 for week 1.
 - then create a subfolder w01/t1 for all resources pertaining to week1's task 1, and so on for other tasks
- You can close one workspace and open another easily by using "File/Open workspace" and browse to select your desired workspace file.