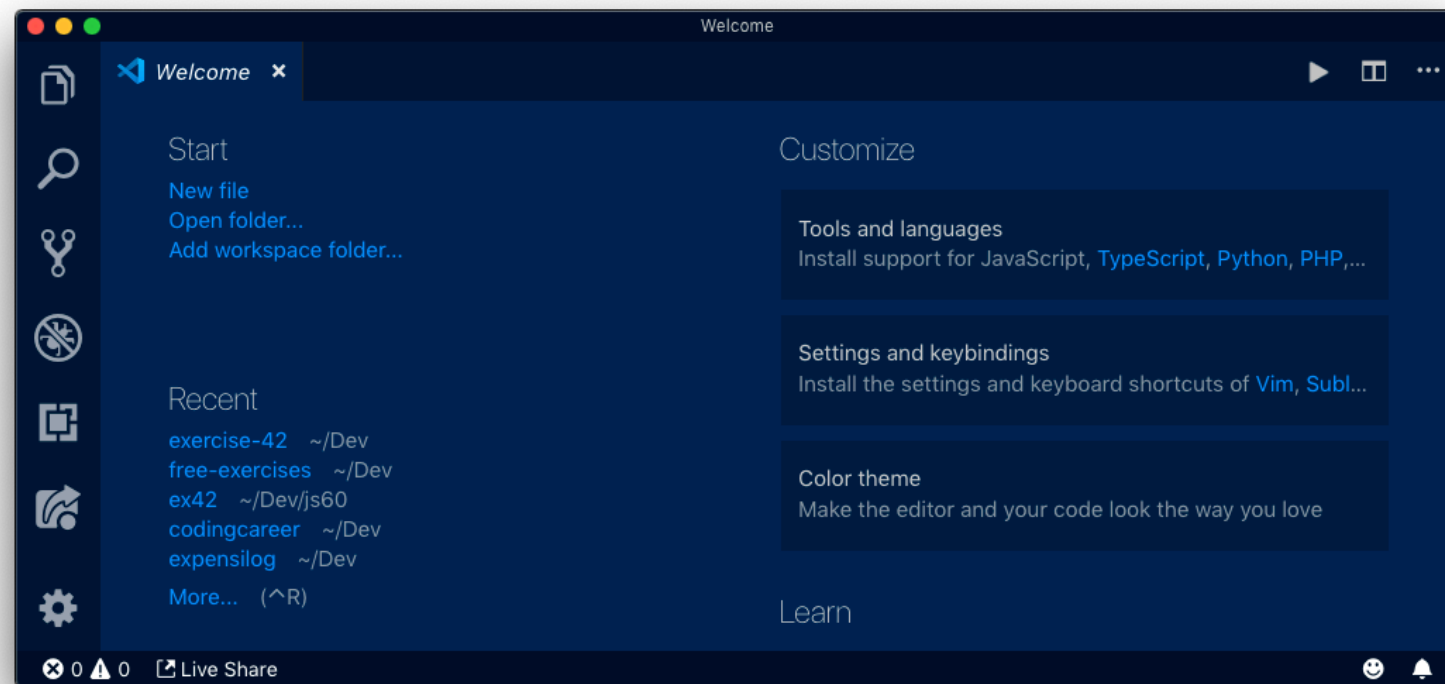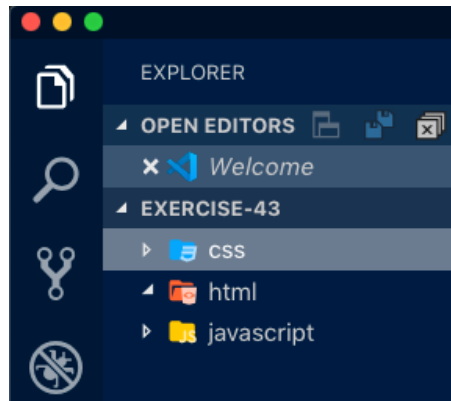# Exercise 43

## MAKING HTML, CSS, AND JAVASCRIPT WORK TOGETHER
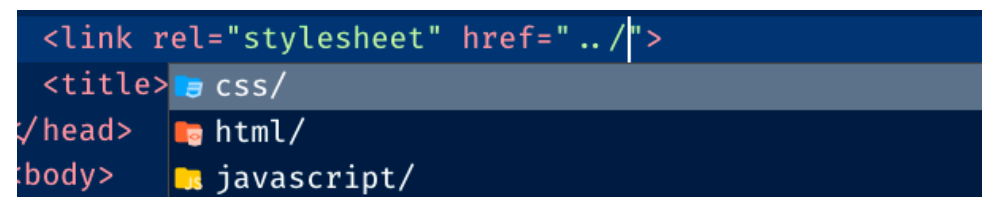
☐ Within VS Code, click **File > New Window**



☐ Click **File > Open**, then click the **New Folder** button.

☐ Add a new folder called **exercise-43**

☐ In Exercise 42, you created a folder called `html`. Create that again here, along with folders for `css` and `javascript`.

☐ Create a new file, `index.html`, in the `html` folder.

☐ Create a new file, `index.css`, in the `css` folder.

☐ Create a new file, `index.js`, in the `javascript` folder.

*These shortcuts are due to an included plugin called "Emmet". It's well worth checking out the cheatsheet for Emmet at: https:// www.cheatography.com// deftcode/cheat-sheets/ deftcode-emmet/pdf/*

☐ As you did in Exercise 42, create the boilerplate code in `index.html` by typing `doc` followed by pressing **Tab**.

☐ Inside the `<body>` tags, type `<p>Hello<span id="name"></span></p>`

☐ Within `index.css`, create a selector for `body` with a rule of `font-size` of `1.3em`.

☐ Back in `index.html`, directly above the `<title>` tags, type `link`, then press **Tab**. That should produce this:

```
<link rel="stylesheet" href="">
<title>Document</title>
```

☐ Place your cursor between the quotes in the `href` attribute and type `../`

An overlay appears:

```
<link rel="stylesheet" href="../">
<title> css/
/head>    html/
body>     javascript/
```

☐ Highlight **css** and press **Enter**.

**Since there's only one file in the folder, you'll only have a choice of "index.css"** ● Another overlay appears, offering you a choice of all files in the **css** folder:

```
<link rel="stylesheet" href="../css/">
<title> index.css
```

☐ Choose `index.css`. Your `index.html` is now linked to `index.css`. Any changes you make to either of those files will be immediately reflected in the browser.

☐ Now, open `index.js`. In that file create a variable, `myName`, with your name. Then, using either `getElementById` or `querySelector` to target the `<span>` with the `id` of `name`. In the `innerHTML`, place the value of `myName`.

☐ The last thing you need to do is to connect `index.js` to `index.html`. To do that, place this snippet just above the closing `</body>` tag:

```
<script src="../javascript/index.js></script>
```

And you're done!