Wordpress for Web Development: Lab 1

Mark Hannon

LearnToProgram.TV

For this lab we will look at the structure of a WordPress website. Look at the following code and see if you can figure out how to separate it into the modular files WordPress uses to build a website. The code below is standard HTML5 structure:

```html
<!doctype html>
    <html>
        <head>
            <meta charset="UTF-8">
            <title>Your Website Name</title>
        </head>
        <body>
            <div id="wrapper"> <!-- Holds the entire website -->

                    <header>
                        <h1>Your website's name</h1>
                    </header>

                    <nav>
                        Your website's menu goes here
                    </nav>

                    <section id="container"> <!-- Holds content & sidebar
                    -->

                        <section id="content"><!-- The main web content
    -->

                            <h2 class="site-title">
                                Catchy headline goes here
                            </h2>

                        </section>

                        <section id="sidebar">
                            <!-- Content of sidebar -->
                        </section>
```

```
            </section> <!-- Ends container -->

            <footer id="footer-info">
                Copyright line and other footer items
            </footer>

        </div> <!-- Ends wrapper -->
    </body>
</html>
```

Create a folder inside the "MAMP application folder-->htdocs-->WordPress folder-->wp-content-->themes."

Name this folder "**lab1**."

Using a code editor, create a new file, save it into your theme folder and name it "style.css." Type the following into your new style.css file:

```
/*
    Theme Name: Change this to your own name
    Theme URI: https://putyourwebsitehere.com
    Author: Your name
    Author URI: https://putyourwebsitehere.com
    Description: This is a basic, bare-bones theme
    Version: 1.0
    License: GNU General Public License v2 or later
    License URI: http://www.gnu.org/licenses/gpl-2.0.html
    Tags: one-column, two-columns, sidebar, responsive, adaptable,
menu-enabled, thumbnail-enabled
*/
```

Separate the html page into separate files in your code editor and save them into your theme folder:

Header.php (template part)

```
<!doctype html>
    <html>
        <head>
            <meta charset="UTF-8">
            <title>Your Website Name</title>
        </head>
        <body>
            <div id="wrapper"> <!-- Holds the entire website -->

                <header>
                    <h1>Your website's name</h1>
                </header>

                <nav>
                    Your website's menu goes here
                </nav>
```

Index.php (template)

```
<section id="container"> <!-- Holds content & sidebar -->

    <section id="content"><!-- The main web content -->

        <h2 class="site-title">
            Catchy headline goes here
        </h2>

    </section> <!-- End of content -->

    <!-- Placeholder for sidebar -->

</section> <!-- End of container -->
```

sidebar.php (template part)

```
<section id="sidebar">

    <!-- Content of sidebar →
    <p>The sidebar is working!</p>

</section>
```

Footer.php (template part)

```
<footer id="footer-info">
        <p>Copyright line and other footer items</p>
</footer>

    </div> <!-- Ends wrapper -->
</body>
</html>
```

The main part of the page, in this case, "index.php" is called a page template. Individually, each separate component of the template (header.php, sidebar.php and footer.php), is called a "template part."

The separate template parts of the WordPress web page need to be assembled into one page. Add the WordPress PHP function calls to the "index.php" file to import each template part.

Importing the template parts into index.php:

```php
<?php get_header(); ?> <!-- Looks for the header.php file -->

    <section id="container"> <!-- Holds content & sidebar -->

        <section id="content"><!-- The main web content -->

            <h2 class="site-title">
                        Catchy headline goes here
            </h2>

        </section> <!-- End of content -->

<?php get_sidebar(); ?> <!-- Looks for the sidebar.php file -->

    </section> <!-- End of container -->

<?php get_footer(); ?><!-- Looks for the footer.php file -->
```