

5COSC006W SERVER-SIDE WEB DEVELOPMENT 2017-2018 Tutorial 1

- 1) In your personal H:\ drive, create a project folder called **workedup**.
- 2) Create a logo for the workedUp company.
 - a) Access http://www.designmantic.com/.
 - Click on Logo Design and click on Skip
 - Enter workedUp as a company name, select an industry (e.g. Home & Garden) and click **Show My Designs**.
 - b) Select a logo, for example:



- c) Right-click on it and save it in your workedup project folder as workedup_logo.png.
- 3) Create the layout for the head of your Web site. Open Notepad++ and create a new document. Type in the code shown on the following page.

headfile.html

- 4) Save this file in **H:\workedup** as **headfile.html**. When you save it, make sure you select **Save as type: Hyper Text Mark Language File.**
- 5) Create the layout for the foot of your Web site. Create a new document in Notepad++ and type in the following code.

footfile.html

```
<!--HTML document to define the layout of the foot-->

</div>

<div id="footer">
Copyright workedUp, 2018
</div>
```

6) Save this file in **H:\workedup** as **footfile.html**. When you save it, make sure you select **Save as type: Hyper Text Mark Language File.**

7) Create the external style sheet for your Web site in CSS. Create a new document in Notepad++ and type in the following code.

mystylesheet.css

```
/*External CSS to format the layout of my web site*/
#container
     margin: 0 auto;
     width: 70%;
    background: #F8F8F8;
     font-family: verdana, sans serif;
     border-style: solid;
   border-color: #9E9EAE;
#header
     background: #FFF;
     padding: 5px;
#header h1
     margin: 0;
              #008F6B;
     color:
     font-size: 90%;
     text-align: right;
#navigation
     float: left;
     width: 100%;
     background: #9E9EAE;
#navigation ul
     margin: 0;
     padding: 0;
```

mystylesheet.css (continued)

```
#navigation ul li
     list-style-type: none;
     display: inline;
#navigation li a
     display: block;
     float: left;
     padding: 5px 10px;
     color: #fff;
     text-decoration: none;
     border-right: 1px solid#fff;
#navigation li a:hover
     background: #008F6B;
     color: #fff
#content
     clear: left;
     padding: 20px;
#content h2
     color:#008F6B;
     font-size: 110%;
     margin: 0 0 .5em;
```

mystylesheet.css (continued)

```
#footer
     background: #9E9EAE;
     text-align: right;
     padding: 20px;
     height: 1%;
     color: #fff;
a:link
     color: #008F6B;
     text-decoration: none;
a:active
     color: #3366FF;
     text-decoration: none;
a:visited
     color: #3366FF;
     text-decoration: none;
a:hover
     color: #7A7ACC;
     text-decoration: none;
```

Please note that on this next page all the codes preceded by a # sign (such as: #008F6B) are HTML colour codes. Please feel free to change them to the colour that you like. You can find a list of all available colours on http://www.w3schools.com/html/html_colornames.asp

8) Save this file in **H:\workedup** as **mystylesheet.css**. When you save it, make sure you select **Save as type: Cascade Style Sheets file.**

9) Create the template for your Web site by putting together the head layout, the foot layout and the external style sheet. Create a new document in Notepad++ and type in the following code.

template.php

```
<?php
//create a variable called $pagename which contains the actual name of the page
$pagename="Template";
//call in the style sheet called ystylesheet.css to format the page as defined in the style sheet
echo "<link rel=stylesheet type=text/css href=mystylesheet.css>";
//display window title
echo "<title>".$pagename."</title>";
//include head layout
include ("headfile.html");
echo "";
//display name of the page and some random text
echo "<h2>".$pagename."</h2>";
echo " Text Here";
//include head layout
include("footfile.html");
?>
```

- 10) Save this file in **H:\workedup** as **template.php**. When you save it, make sure you select **PHP HyperText Preprocessor file**.
- 11) Access WinSCP, the Secure FTP Client, to connect to the Web Server [see Guide to Access the Web Server (using SSH)]. In your *public_html* folder (right window pane) create a folder called **workedup**.
- 12) Using WinSCP drag all the files you have just created **template.php**, **headfile.html**, **footfile.html**, **mystylesheet.css** and **workedup_logo.png** from **H:\workedup** (left window pane) and drop it into the **public_html\workedup** folder (right window pane).
- 13) Open a Web browser and type in https://yourWestminsterUsername.users.ecs.westminster.ac.uk/workedup/template.php. You should be able to see this:

