

**Guided Computer Tutorials**

**Learning**

**Adobe**

**DreamWeaver 21.3**

**Module 2**

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# Learning Adobe DreamWeaver 21.3

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## DreamWeaver Project 2

# Sample CSS Page Layouts

Style sheets are not only used to record the text formatting of a page, they can also be used to store the layout information as well. Laying out pages using CSS styles involves storing all the text formatting and layout information in a separate CSS STYLES SHEET file. The advantages of doing this are:

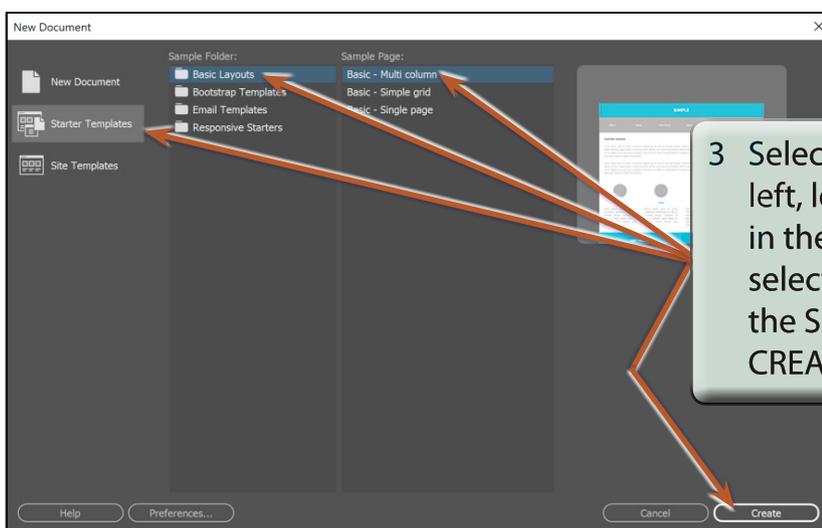
- There is less code in the web page so the page loads faster.
- The pages can adjust so that they can be viewed on different-sized screens.

Laying out pages using CSS styles is a little more involved than entering text and images straight onto a page, but it has become the standard way of creating detailed web page designs, so it is worth the initial effort. In this chapter you will look at some of the sample CSS page designs that come with DreamWeaver.

## Opening the Sample Page

### A Selecting the Page Layout

- 1 Load DreamWeaver and set the FILES panel to your TRAVELWISE site (or another site if you did not do Module 1).
- 2 Select CREATE NEW from the START screen or select NEW from the FILE menu.



- 4 The template shows a simple page layout in columns.

## B Looking at the Page Layout

1 Notice that there is a CSS file attached to the main page.

2 Set the view to SPLIT VIEW then click on different sections of the page and its code will be shown in the CODE VIEW pane.

- 3 Press **CTRL+S** or **COMMAND+S** to save the page, SAMPLE will do for the page name.

## Looking at the CSS File

To gain an understanding of why this page has a CSS page layout, the files and code can be looked at more closely.

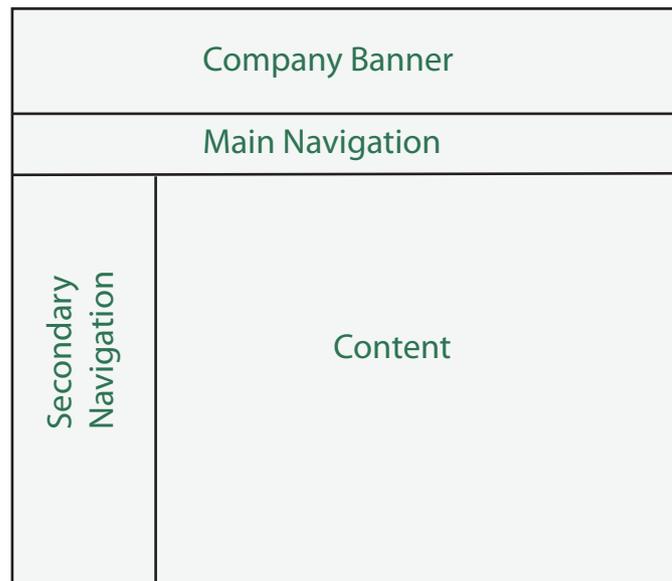
1 Click on the MULTICOLUMNTEMPATE. CSS button in the RELATED FILES BAR above the DOCUMENT WINDOW to open the CSS file.

2 Notice that for the dark CODE THEME the CSS rules are in green, the properties are in purple and the property values are in orange and green.

# Laying out a CSS Based Page

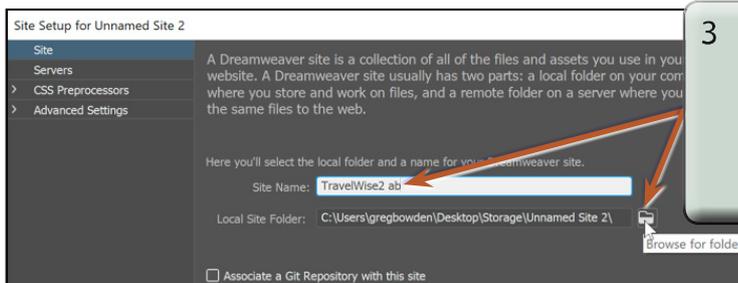
One of the best ways to learn how to use CSS styles to layout pages is to create a new site. A static web layout will be created initially to introduce the techniques before moving onto a responsive layout. The page layout will be created in this chapter, the content added to it in the next chapter and the layout formatting applied in Chapters 15 and 16.

The pages will have the following structure:



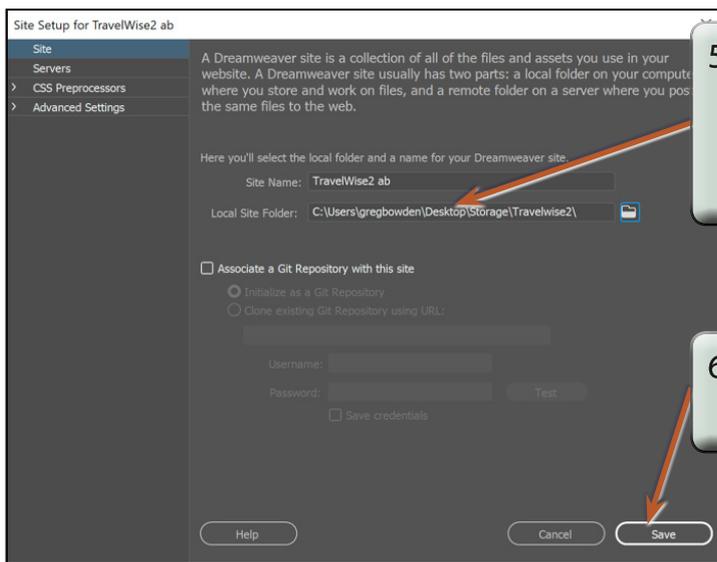
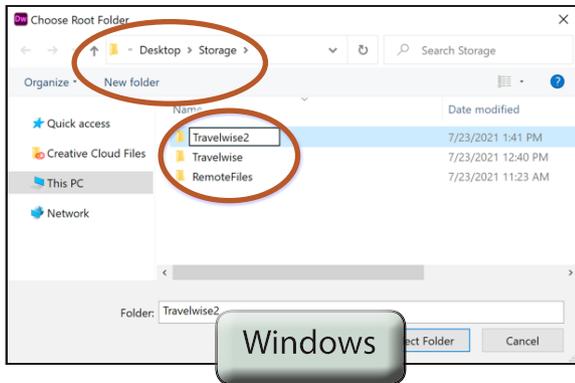
## Starting a New Site

- 1 Load DreamWeaver or close the current documents.
- 2 Display the SITE menu and select NEW SITE.



- 3 In the SITE NAME box enter:  
TravelWise2 <your initials>  
then click on the BROWSE icon next to the LOCAL SITE FOLDER box.

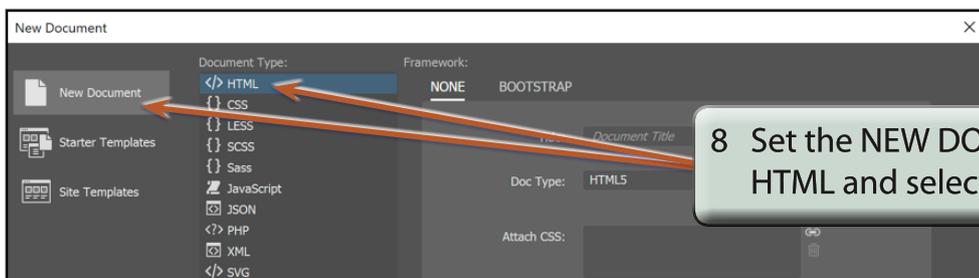
- 4 Access your STORAGE folder and create a new folder called TRAVELWISE2. Refer to the following diagrams.



5 Select SELECT FOLDER or CHOOSE and the path to the folder should be added to the LOCAL SITE FOLDER box.

6 Click on the SAVE button to save the site details.

- 7 Select CREATE NEW from the START screen or select NEW from the FILE menu.

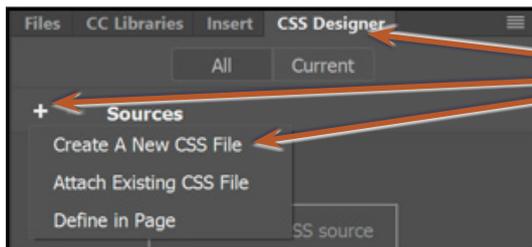


8 Set the NEW DOCUMENT TYPE to HTML and select CREATE.

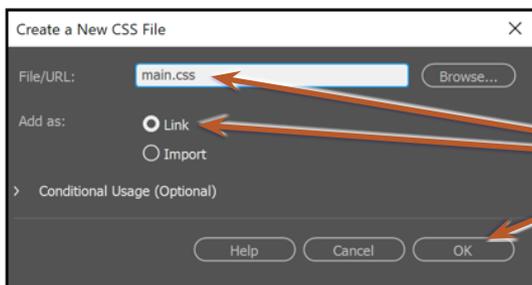
## Saving the Pages

Two pages need to be saved. The blank HTML page and the external CSS page that will be used to store all the formatting and layout information.

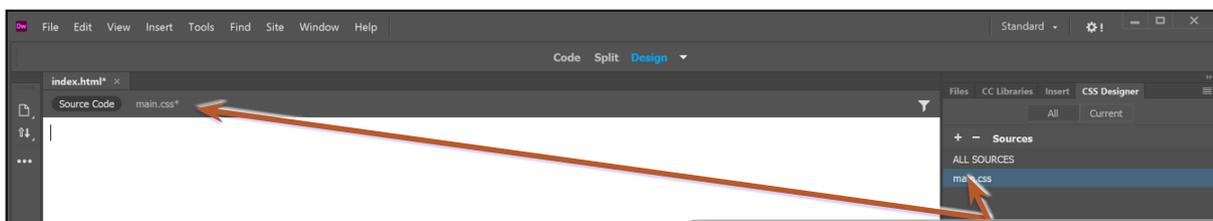
- 1 Save the page in your TRAVELWISE2 folder as:  
index.html



- 2 Expand the CSS DESIGNER panel, click on the ADD CSS SOURCE button next to SOURCES and select CREATE A NEW CSS FILE.



- 3 In the FILE/URL box enter:  
main.css  
to name the CSS file, ensure that LINK is selected next to ADD AS and click on OK.



- 4 The MAIN.CSS file should be present in the SOURCES section of the CSS DESIGNER panel and it is also added to the RELATED FILES BAR.

**NOTE:** A new CSS page could have been created then attached to the INDEX page, but creating the CSS page from the CSS DESIGNER panel carries out those tasks in one step.

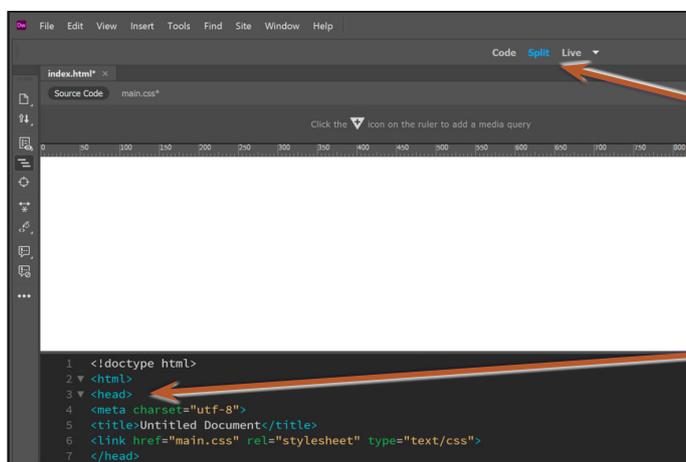
## Setting the DIV Tags

When laying out a page using CSS, regions of the page are defined using DIVISION tags (DIV tags for short). The page to be created will have three divisions:

- Banner:** which will contain a logo for TravelWise.
- Navigation:** which will contain the top level navigation buttons.
- Columns:** which will contain a secondary navigation section and the main content of the page.

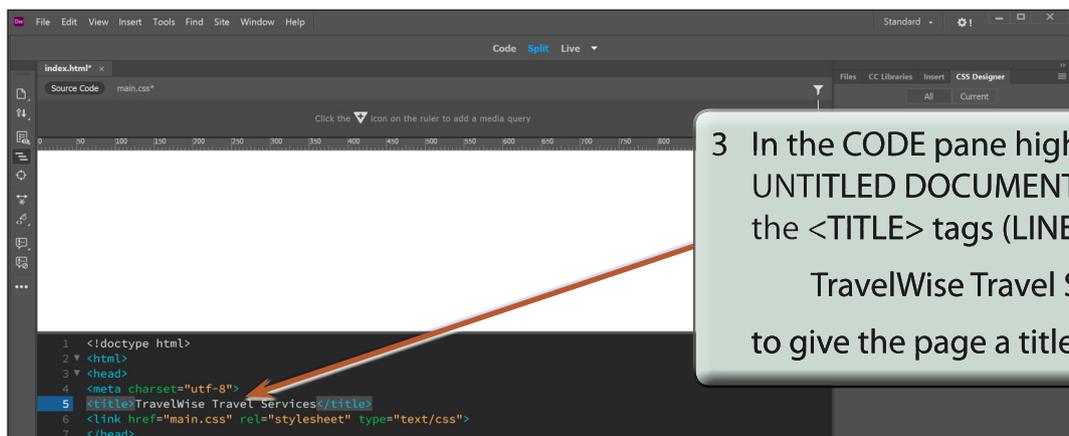
DIV tags will be used to set each of these sections.

### A Looking at the Code



1 Set the view to LIVE and SPLIT in the DOCUMENT TOOLBAR to set the screen to show both the CODE and LIVE panes.

2 Notice that some sections of the code are labelled in <> brackets, for example: <head>, <title>, <link> and <body>. These are the HTML tags.



3 In the CODE pane highlight the UNTITLED DOCUMENT text between the <TITLE> tags (LINE 5) and enter: TravelWise Travel Services to give the page a title.

# Adding Content to CSS Pages

Adding content to CSS page layouts is basically the same as adding content to normal pages. With CSS page layouts you need to take care to position the cursor in the required DIV tag.

Let's add a simple company logo, some navigation buttons and some text to the layout you created in the last chapter.

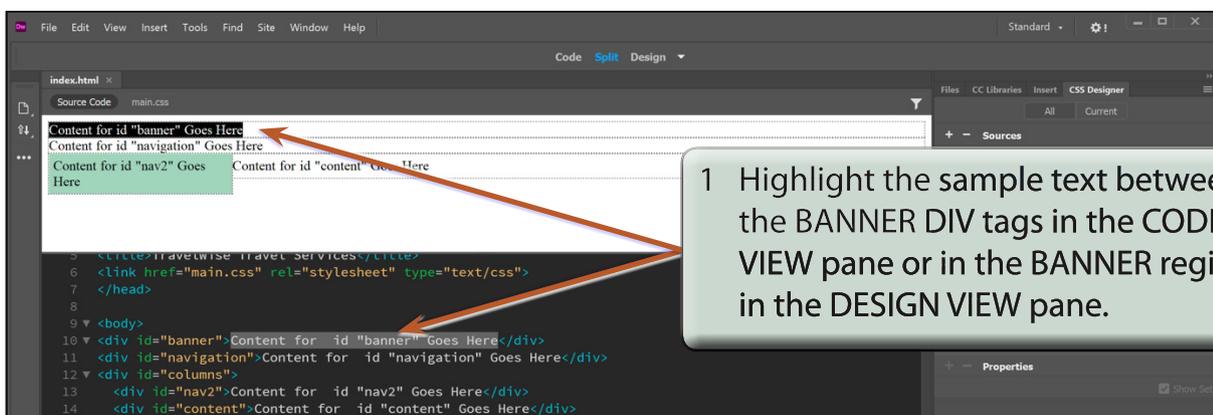
## Inserting the Company Logo

The company logo will be placed in the BANNER region. This can be done in the CODE pane or in the DESIGN pane.

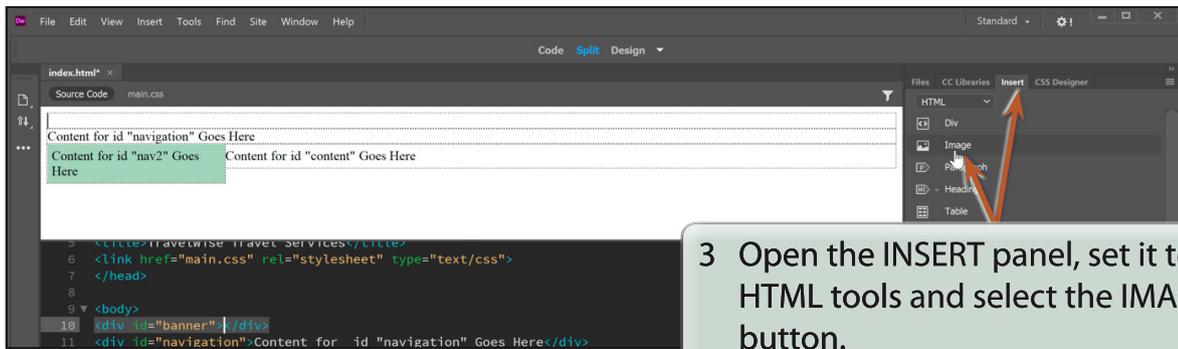
### A Opening the Page

- 1 Load DreamWeaver and set the FILES panel to your TRAVELWISE2 site.
- 2 Open the INDEX.HTML page, set the screen to DESIGN VIEW then click on the SPLIT VIEW button to show both the CODE and DESIGN panes.

### B Inserting the Image

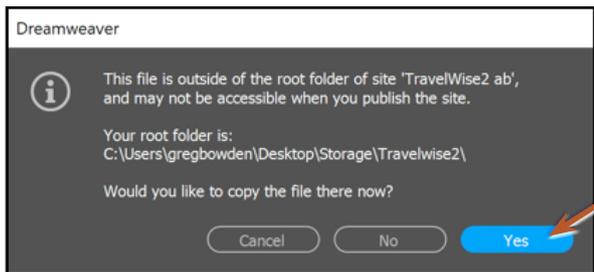
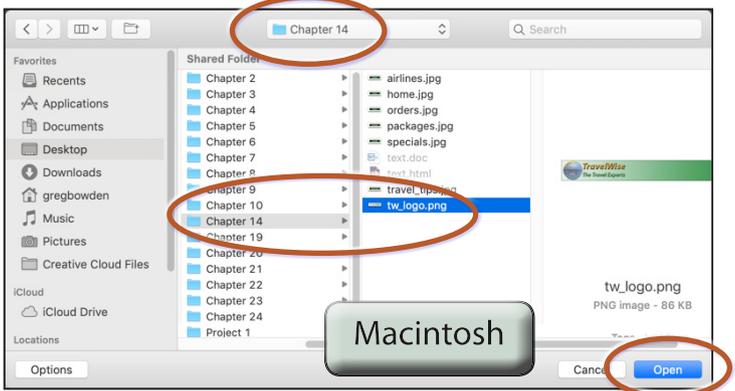
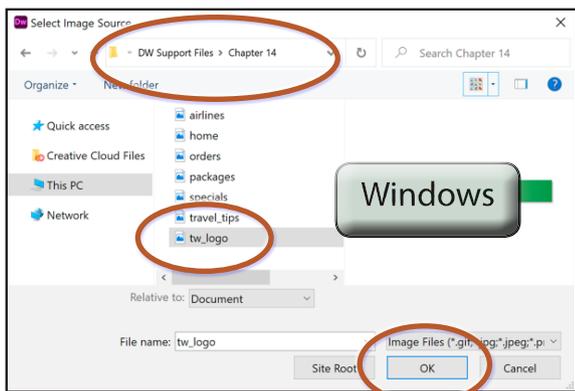


- 2 Press the **BACKSPACE** or **DELETE** key to remove the text.



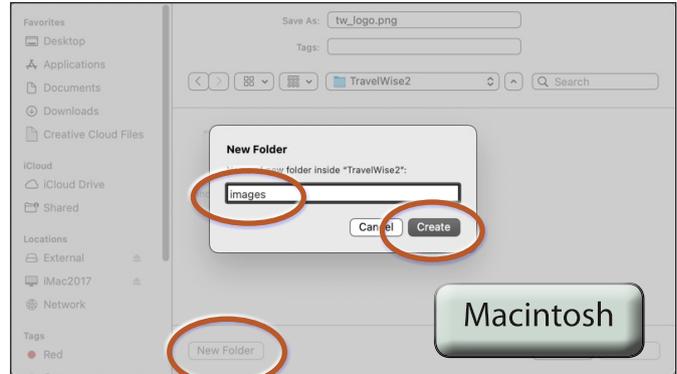
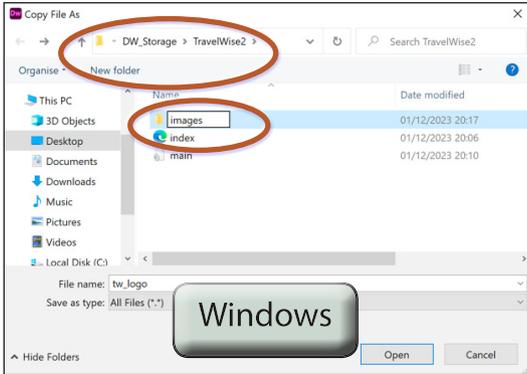
3 Open the INSERT panel, set it to the HTML tools and select the IMAGE button.

4 Access the DW SUPPORT FILES, open the CHAPTER 14 folder, select the TW\_LOGO.JPG file and select OK or OPEN. Refer to the following diagrams.

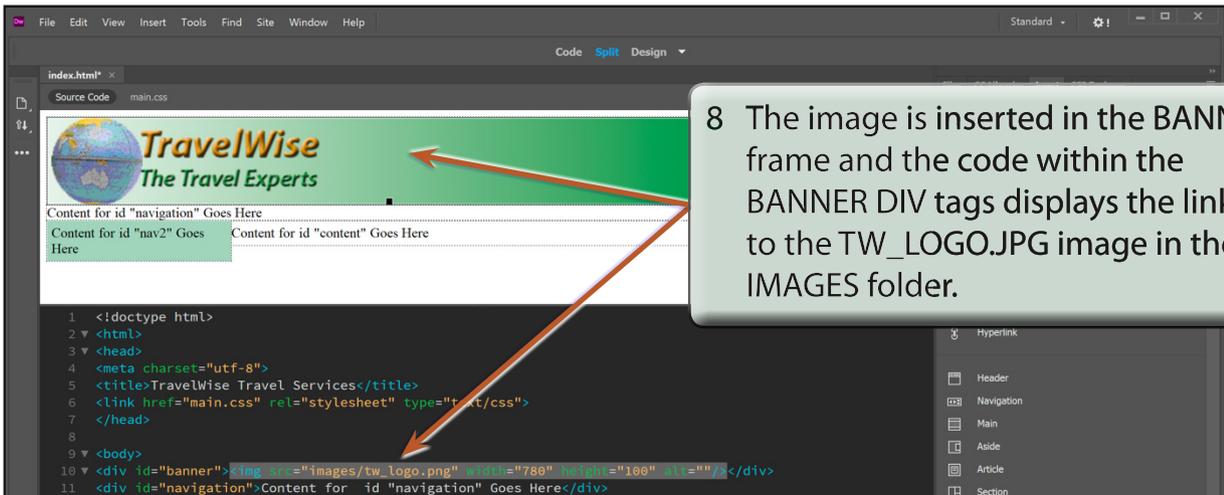


5 Click on YES to the dialogue box telling you that the image is outside the root folder of the TRAVELWISE2 site.

- 6 Create a NEW FOLDER in your TRAVELWISE2 folder called IMAGES. Refer to the following diagrams.



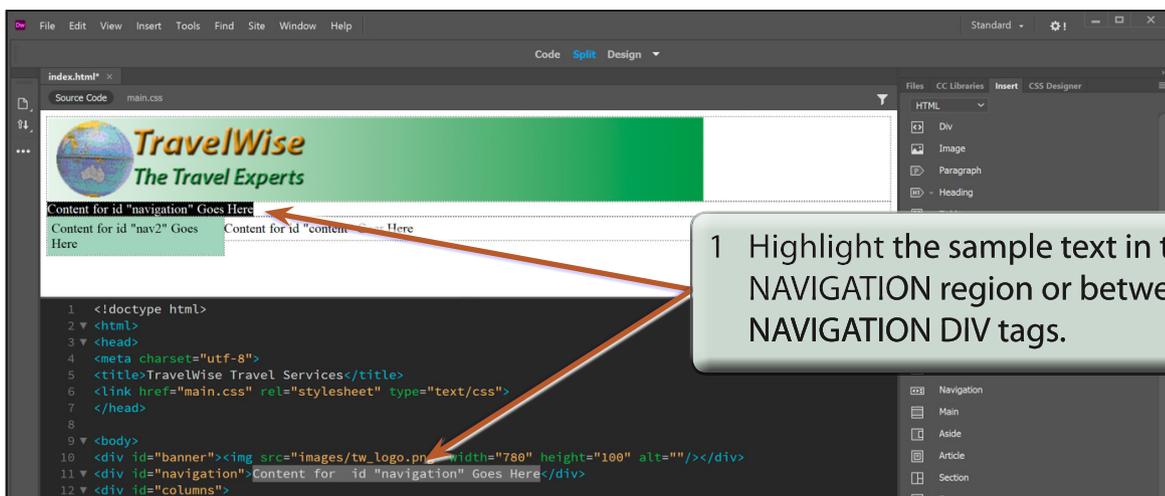
- 7 Open the folder and click on SAVE to insert the image.



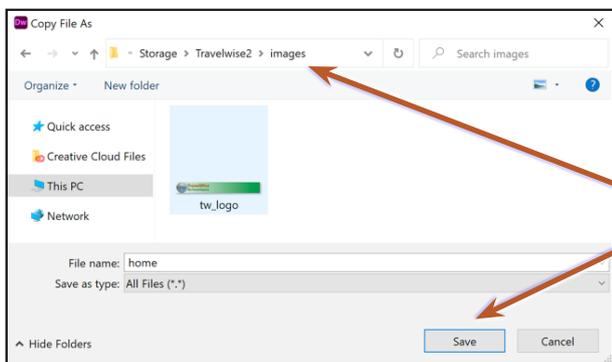
## Inserting the Navigation Content

Some simple buttons will be inserted in the NAVIGATION section of the page.

### A Inserting the Home Button



- 2 Press the **BACKSPACE** or **DELETE** key to remove the text.
- 3 Click on the **IMAGE** button in the HTML tools of the INSERT panel.
- 4 Access the **CHAPTER 14** folder of the **DW SUPPORT FILES** and insert the **HOME.JPG** image, selecting **YES** to the outside **ROOT FOLDER** message.



**NOTE:** You could create a **BUTTONS** folder within the **IMAGES** folder if you wish to, but we will not be building an entire web site here so storing buttons in the **IMAGES** folder will be sufficient.

# Formatting CSS Pages

The formatting of CSS pages is carried out by setting the required styles. There are four different types of CSS styles:

**Class:** which are styles that apply to any HTML element.

**Tag:** where you create styles based on HTML tags such as the <body> tag.

**ID:** where you set styles on specific unique page elements such as DIV tags.

**Compound:** where you set styles on two or more class, tag or ID styles simultaneously.

These style types will be used to enhance the page you created in the last two chapters. In this chapter the CSS DESIGNER panel will be used to create the styles. In Chapter 13 you created a style by using the NEW CSS STYLE button in the INSERT DIV dialogue box. You will then be able to decide which method you prefer to use to create CSS styles.

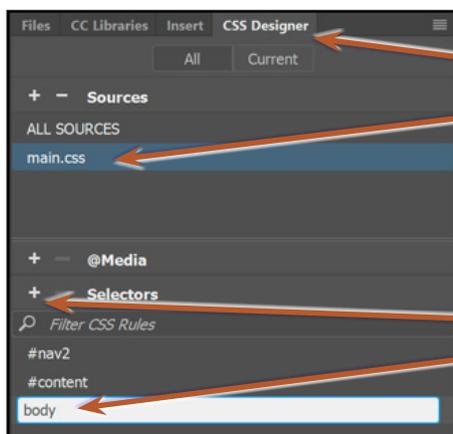
## Setting Tag Styles

To illustrate how to set TAG styles the <body> and <h1> tags (for the BODY and the HEADING 1 styles) will be adjusted.

- 1 Load DreamWeaver and set the FILES panel to the TRAVELWISE2 site.
- 2 Open the INDEX.HTML page, set the screen to DESIGN VIEW and turn on SPLIT VIEW.

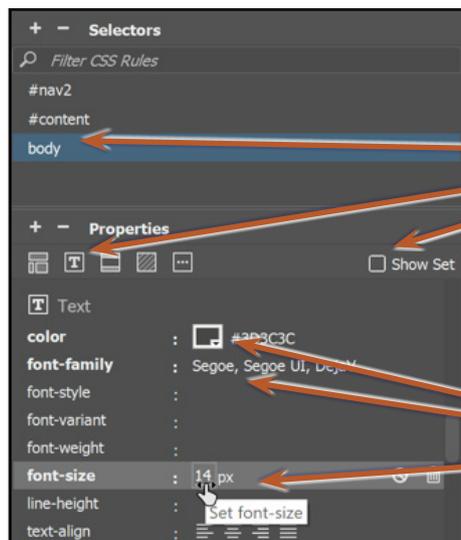
### A The Body Tag

The body tag controls the format of the whole page. You can set some global formats using a style to control the body tag then make adjustments to other sections.



1 Open the CSS DESIGNER panel and select the MAIN.CSS file in the SOURCES section.

2 Click on the ADD SELECTOR (+) icon in the SELECTORS section and enter:  
  
body  
  
in the provided box.

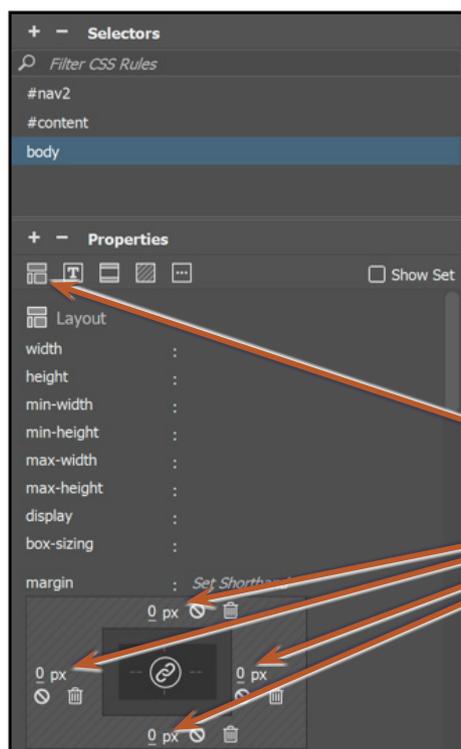


3 Press **<enter>** or **<return>** or select BODY in the drop down list so that the PROPERTIES are displayed. Check that SHOW SET is deselected and click on the TEXT icon to show the text properties.

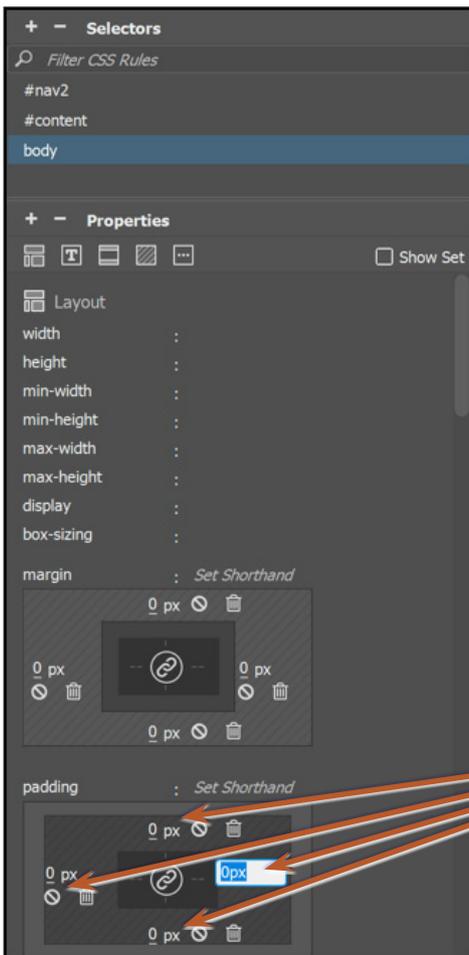
4 Set the COLOUR to DARK GREY and press **<enter>** or **<return>**, then set the FONT-FAMILY to SEGOE and the FONT-SIZE to 14 px.

**NOTE:**

- i These settings will become the default settings for all the text on the page.
- ii You can provide more space for the CSS DEVELOPER panel by double clicking on the DOM panel to collapse it.



5 Click on the LAYOUT category icon at the top of the PROPERTIES section then click in each of the MARGIN boxes to turn them on and leave them set to 0. This adds the left, right, top and bottom margins to the style.



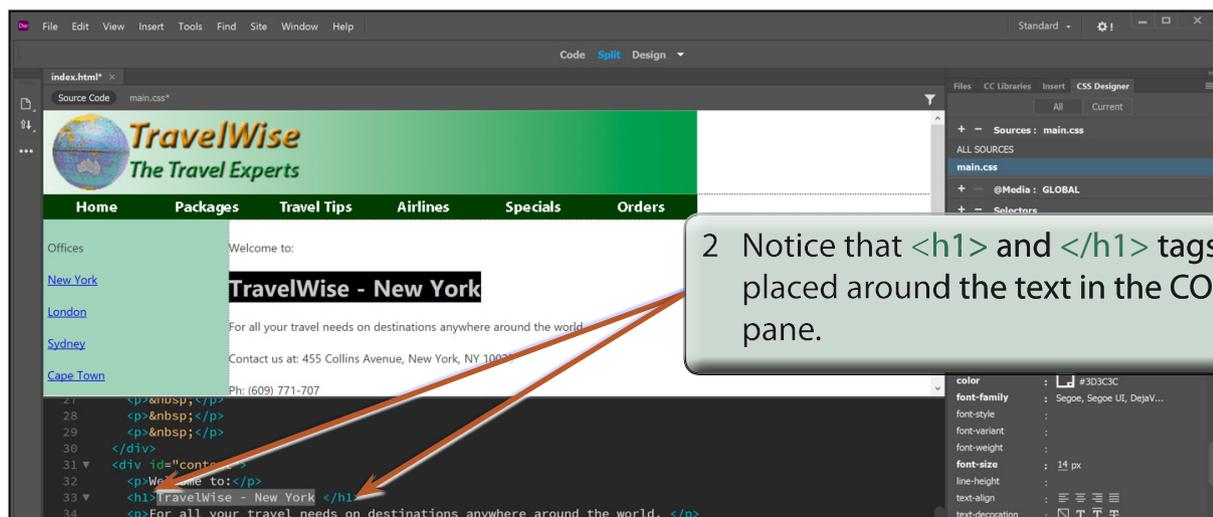
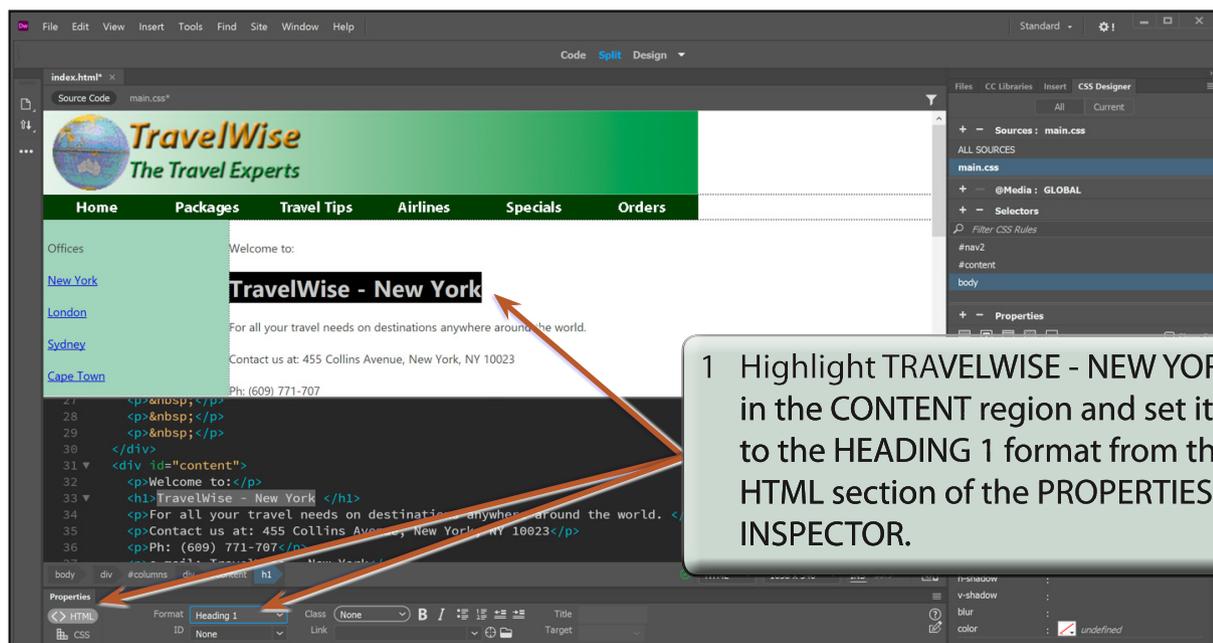
6 Click in each of the PADDING boxes to turn them on and leave them set to 0.

**NOTE:**

- i Setting the PADDING and MARGINS to 0 ensures that there is no white space at the top when the page is viewed in a browser.
- ii The BODY style is added to the MAIN.CSS file in the CSS DESIGNER panel. All the HTML tags can be controlled in this fashion by creating a CSS style for them.
- iii The PADDING and MARGIN values need to be clicked on to add their values to the style.
- iv When the centre icon is set to ON  PADDING and MARGIN values are set to the same number.
- v When the centre icon is set to OFF  PADDING and MARGIN values can be set to individual values.

## B Changing Some Text

Now that you have set the default body text settings, some styles can be created to format the headings and sub-headings. You can modify some of the HTML tags or create your own styles. We will look at both methods.



# Centring Static Web Pages

Web pages are now being displayed on a variety of different devices and monitor sizes so it has become common practice to centre a static web page and include a background behind the page. The process is very easy when pages are laid out using CSS styles.

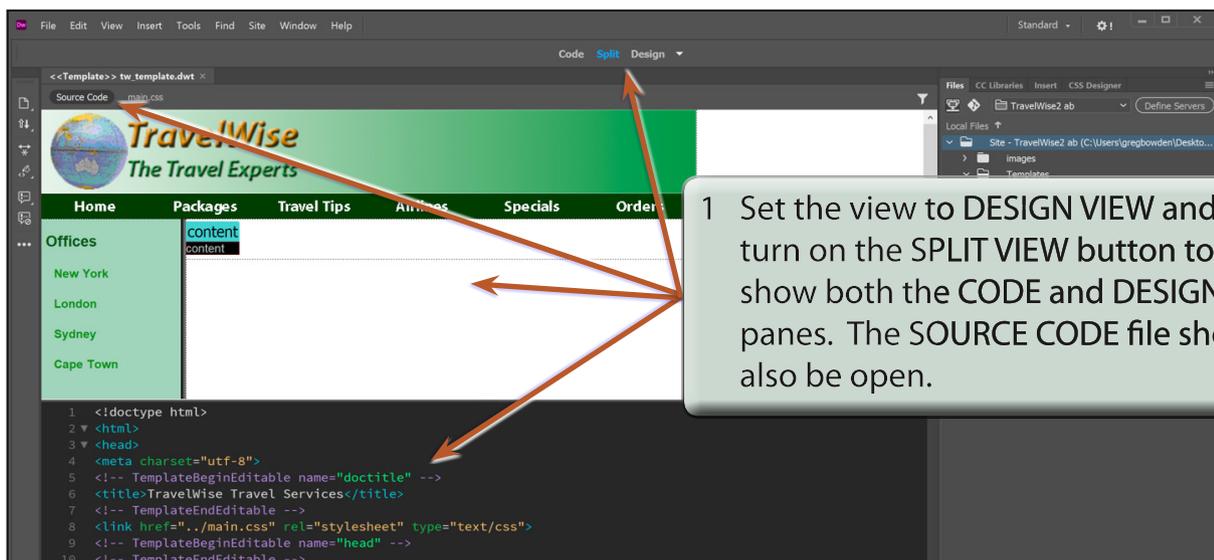
## Creating a Container Region

It is helpful to place the whole page within a containing region (DIV) so that formats can be applied to the whole page. This tag can then have a CSS style applied to it to centre its contents and set its background to a colour so that the content of the web page can be seen over a different coloured background.

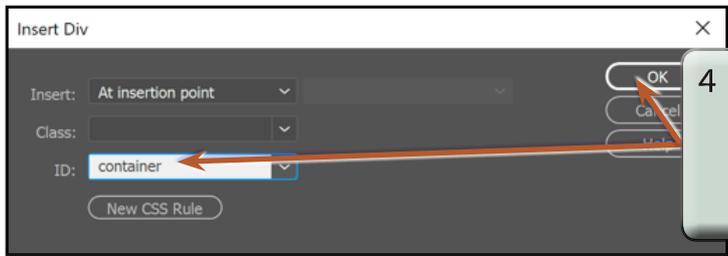
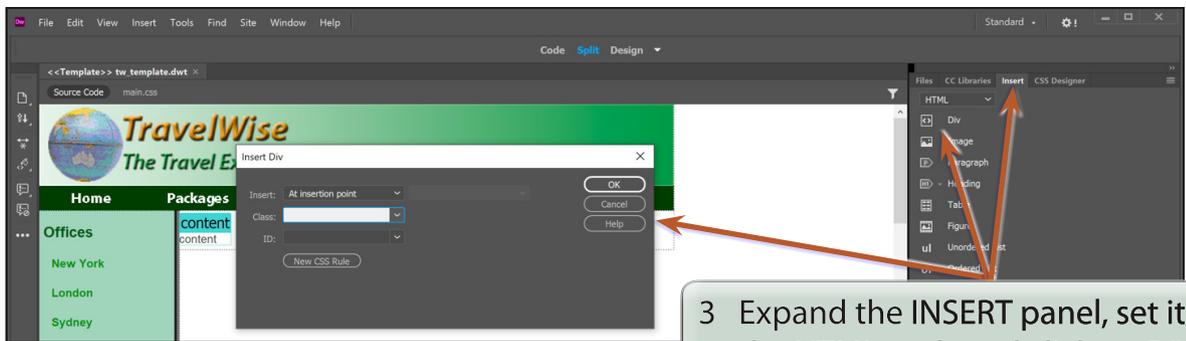
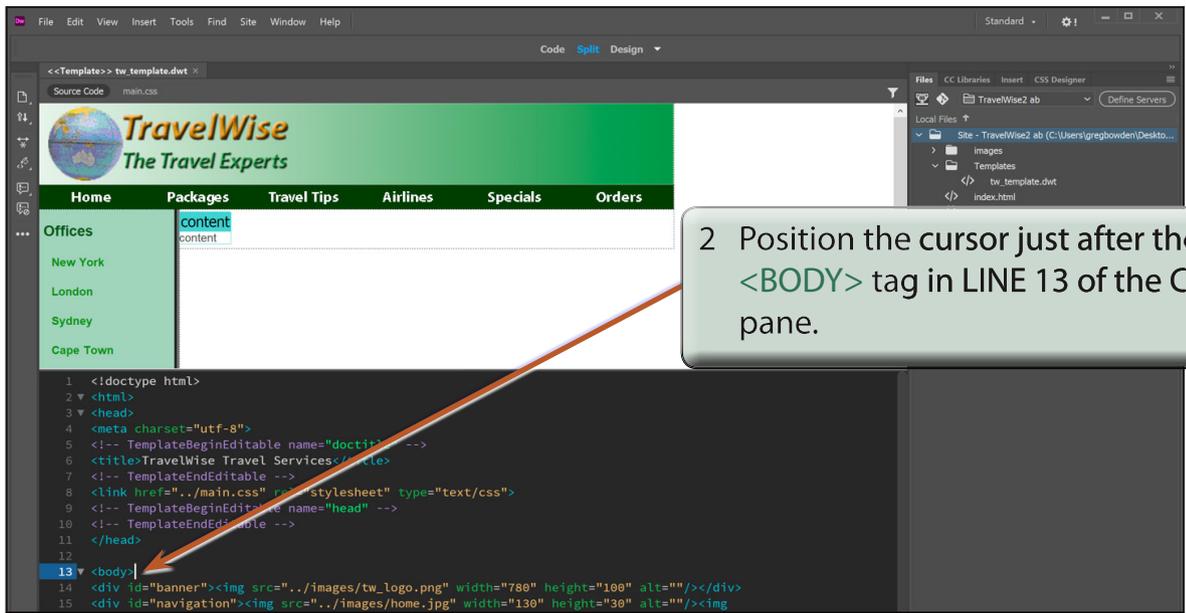
### A Opening the Page

- 1 Load DreamWeaver and set the FILES panel to your TRAVELWISE2 site.
- 2 Open the TW\_TEMPLATE.DWT file from the TEMPLATES folder of the FILES panel.

### B Inserting the DIV Tag



1 Set the view to DESIGN VIEW and turn on the SPLIT VIEW button to show both the CODE and DESIGN panes. The SOURCE CODE file should also be open.



**NOTE: The CONTAINER region must be set to an ID DIV tag for the centring to work.**

# Responsive Web Page Layouts

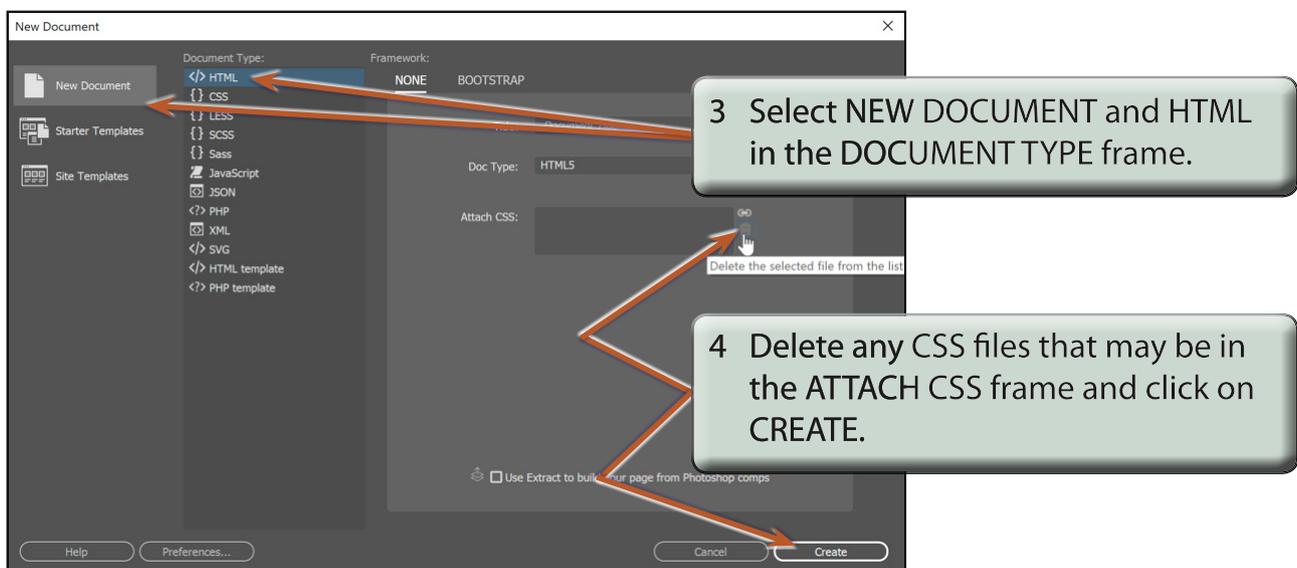
Most modern web designers use either an adaptive web design where the layout adapts for three different screen sizes or a responsive web layout where the layout can adapt to many different screen sizes. Responsive web layouts usually involve a lot more work.

In this chapter you will create a simplified responsive web layout and in the next chapter insert some content into it. The current site will be used, but a new CSS file will need to be created.

## Creating the Files

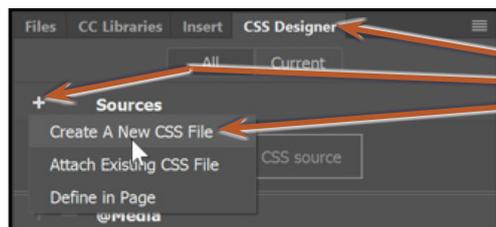
Two files will be created. An INDEX2.HTML page and a related CSS page that will store the layout and formatting code.

- 1 Load DreamWeaver or close the current pages and set the FILES panel to your TRAVELWISE2 site.
- 2 Select CREATE NEW from the START screen or select NEW from the FILE menu to start a new document.

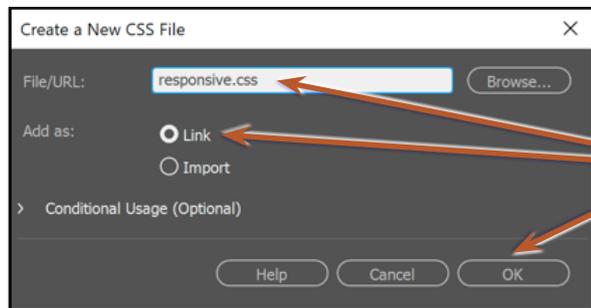


- 5 Save the page in your TRAVELWISE2 folder as:

index2.html



6 Open the CSS DESIGNER panel, click on the ADD CSS SOURCE (+) button and select CREATE A NEW CSS FILE.



7 In the CREATE A NEW CSS FILE dialogue box click in the FILE/URL box and enter:  
  
responsive.css  
  
Check that the ADD AS section is set to LINK and select OK.

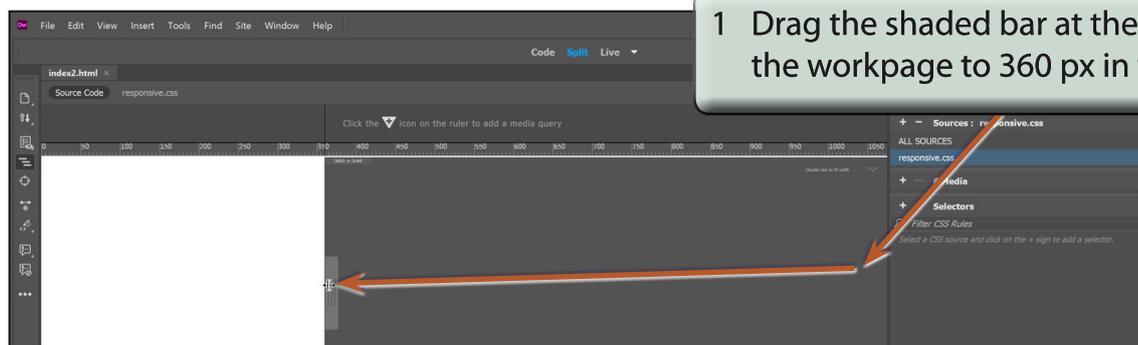
**NOTE: The RESPONSIVE.CSS file should be added to the INDEX2.HTML file in the RELATED FILES BAR.**

8 Turn on LIVE VIEW and set the screen to SPLIT VIEW.

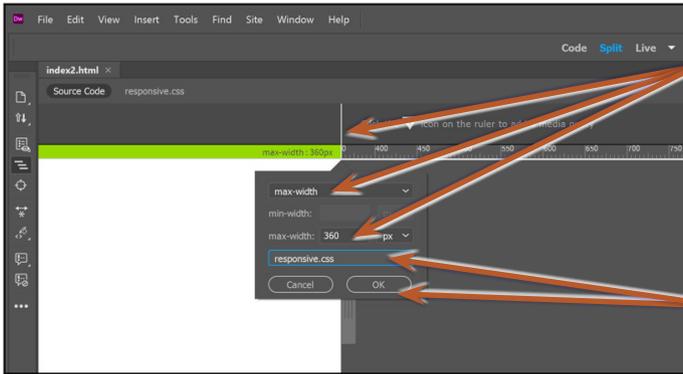
## The Mobile Screen Settings

The first screen layout (called a media query) will be for mobile screens. There are many different mobile screen sizes, so you need to set a compromise. In this case a width of 360 px will be used. The height is not important as users will need to scroll their screens.

### A Setting the Screen Width

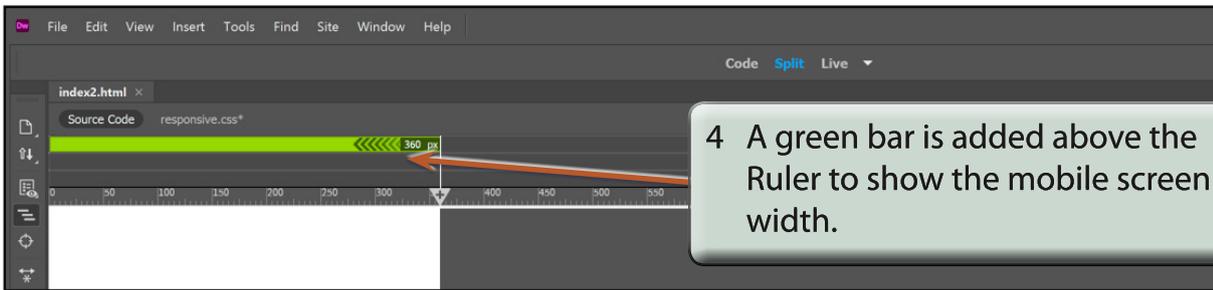


1 Drag the shaded bar at the right of the workpage to 360 px in the Ruler.



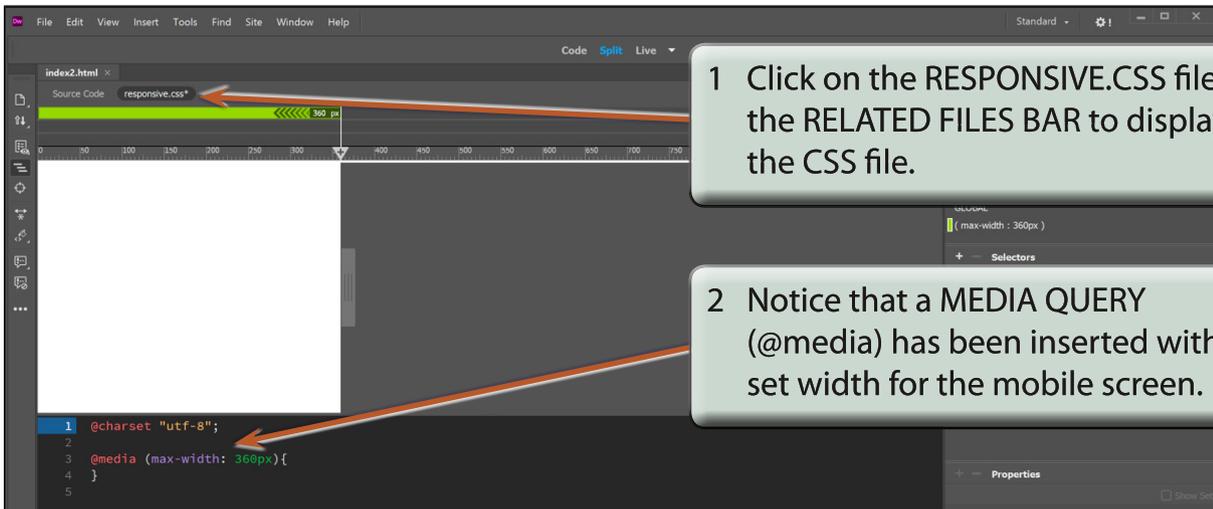
2 Click on the TRIANGLE icon at 360 px in the RULER to insert a media query. Leave the top box set to MAX-WIDTH and the MAX-WIDTH box below it set to 360 px.

3 Click on the CREATE A NEW CSS FILE box, select the RESPONSIVE.CSS file and select OK.



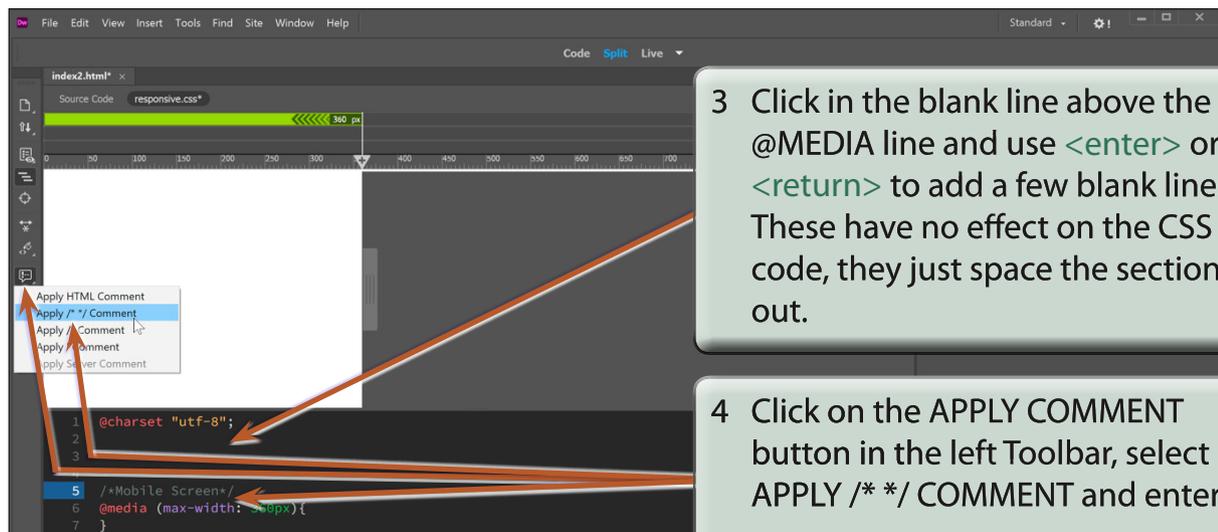
4 A green bar is added above the Ruler to show the mobile screen width.

## B Looking at the CSS Code



1 Click on the RESPONSIVE.CSS file in the RELATED FILES BAR to display the CSS file.

2 Notice that a MEDIA QUERY (@media) has been inserted with the set width for the mobile screen.



3 Click in the blank line above the @MEDIA line and use `<enter>` or `<return>` to add a few blank lines. These have no effect on the CSS code, they just space the sections out.

4 Click on the APPLY COMMENT button in the left Toolbar, select APPLY /\* \*/ COMMENT and enter: Mobile Screen

**NOTE:**

- i The comments are displayed in grey and they have no effect on the code. They simply allow you to label the different sections of the code to make editing easier.
- ii Comments in a CSS document are enclosed between `/* */` symbols. You can enter these symbols directly or use the **APPLY COMMENT** button.



5 Click in the row below the closing bracket for the Media Query and add some blank lines.

# Adding Content to Responsive Layouts

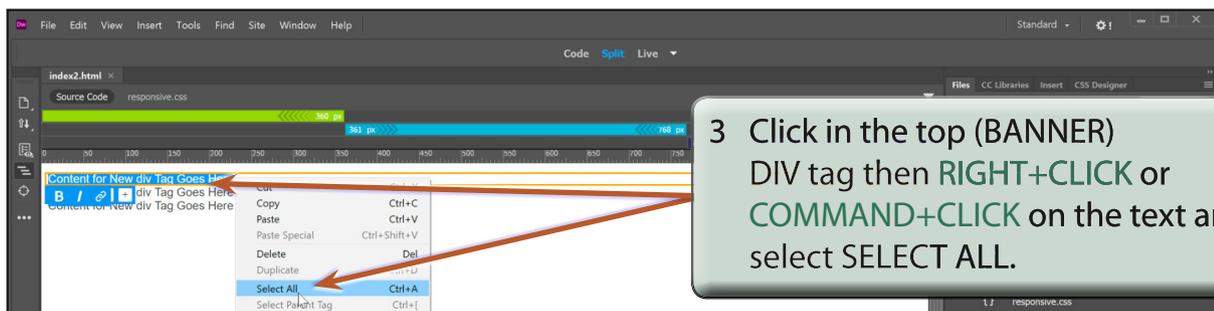
Now that the structure of the layout has been created, content can be added. Each DIV tag can have multiple styles applied to it from the different media queries.

## The Banner Content

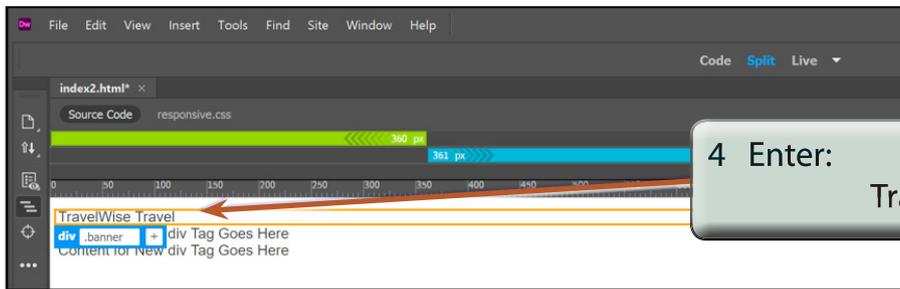
A simple banner for TravelWise Travel will be created so that it displays differently on the three different screen widths.

### A Entering the Text

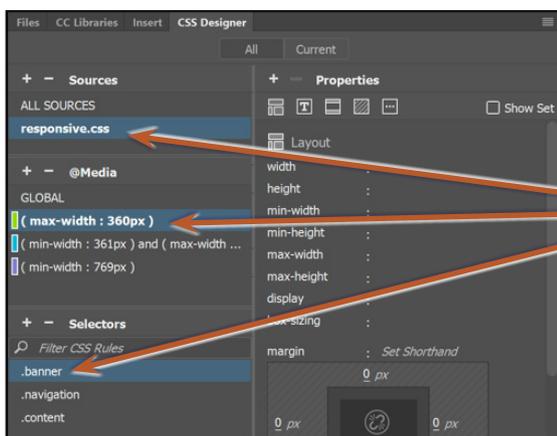
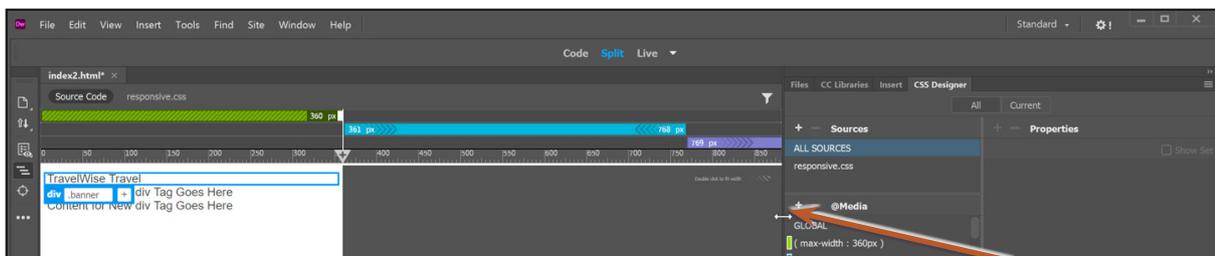
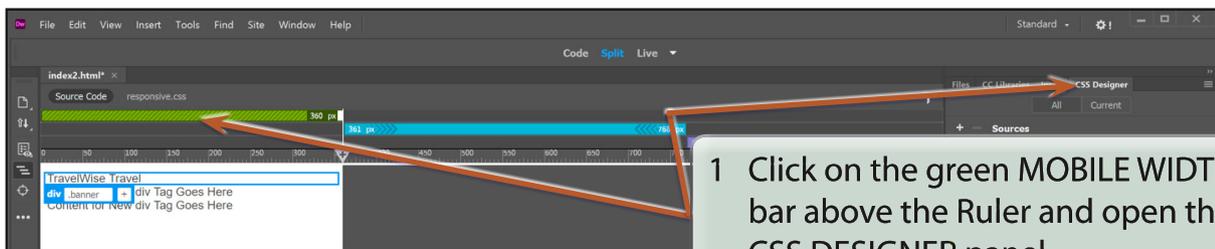
- 1 Load DreamWeaver or close all the open files then set the FILES panel to your TRAVELWISE2 site.
- 2 Open the INDEX2.HTML file and set the screen to LIVE VIEW.

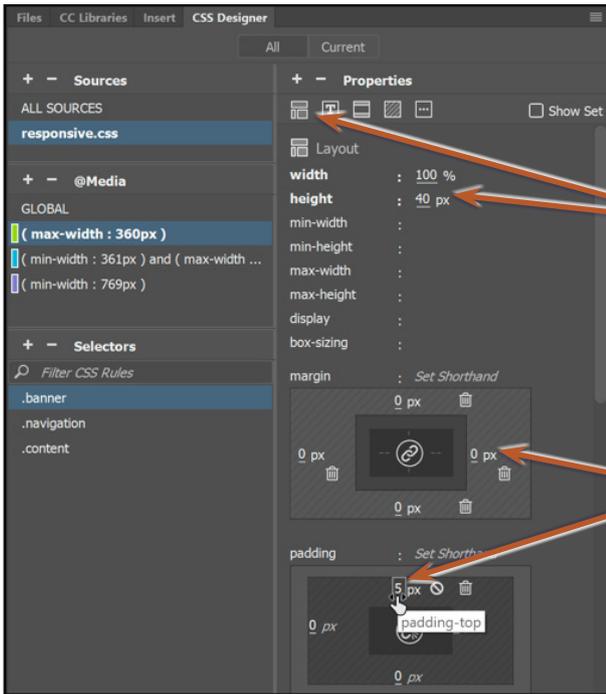


- NOTE:**
- i The sample text in the tag frame needs to be highlighted and the **BOLD**, **ITALIC** and **HYPERLINK** icons need to be displayed at the base of the frame.
  - ii It can be difficult at first to highlight DIV tag sample text in **LIVE** view. You can also double click in the DIV tag then press **CTRL+A** or **COMMAND+A** to select all the DIV tag text, or triple click the mouse button to highlight the sample text.



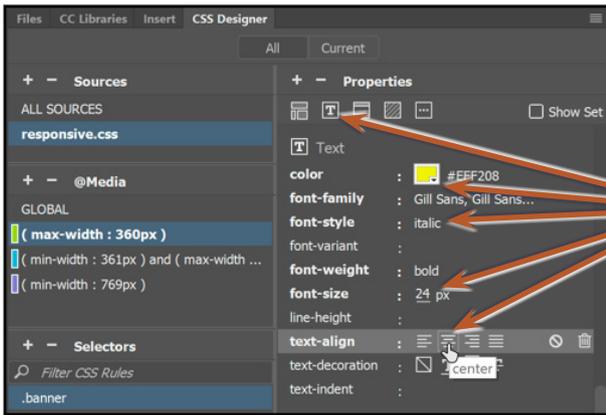
## B Formatting the Mobile Banner Style



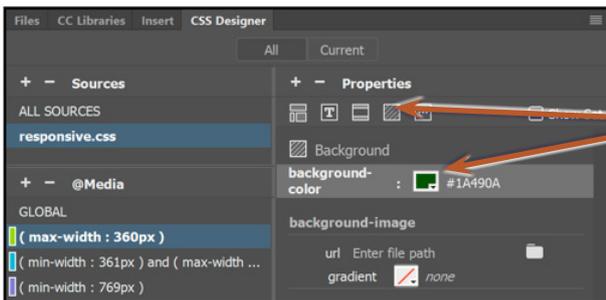


4 In the LAYOUT PROPERTIES section set the WIDTH to 100% and the HEIGHT to 40 px.

5 Click on each of the MARGIN boxes to set them to 0, and set just the TOP PADDING to 5 px. You will need to set the centre icon to off to do this.

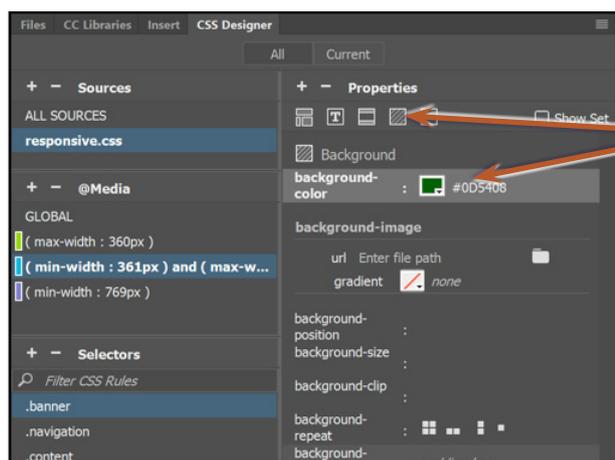
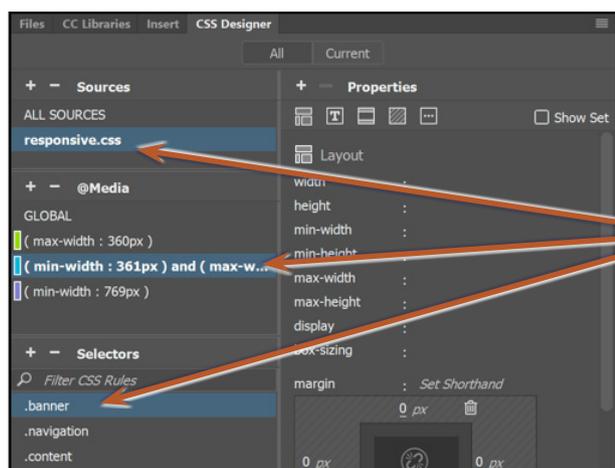
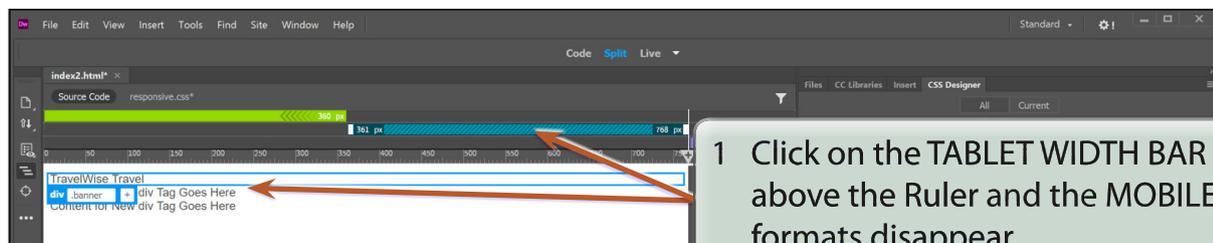


6 Open the TEXT PROPERTIES and set the COLOUR to YELLOW, the FONT-FAMILY to GILL SANS, the FONT-STYLE to ITALIC, the FONT-WEIGHT to BOLD, the FONT-SIZE to 24 px and the TEXT-ALIGN to CENTRE.



7 Open the BACKGROUND PROPERTIES and set the BACKGROUND COLOUR to DARK GREEN.

## C Formatting the Tablet Banner Style



**NOTE:** You could copy the hexadecimal value for the DARK GREEN from the MOBILE settings to insert the same dark green. However, having a slightly different green will make the screen width changes easier to see.

# Hiding Content in Responsive Layouts

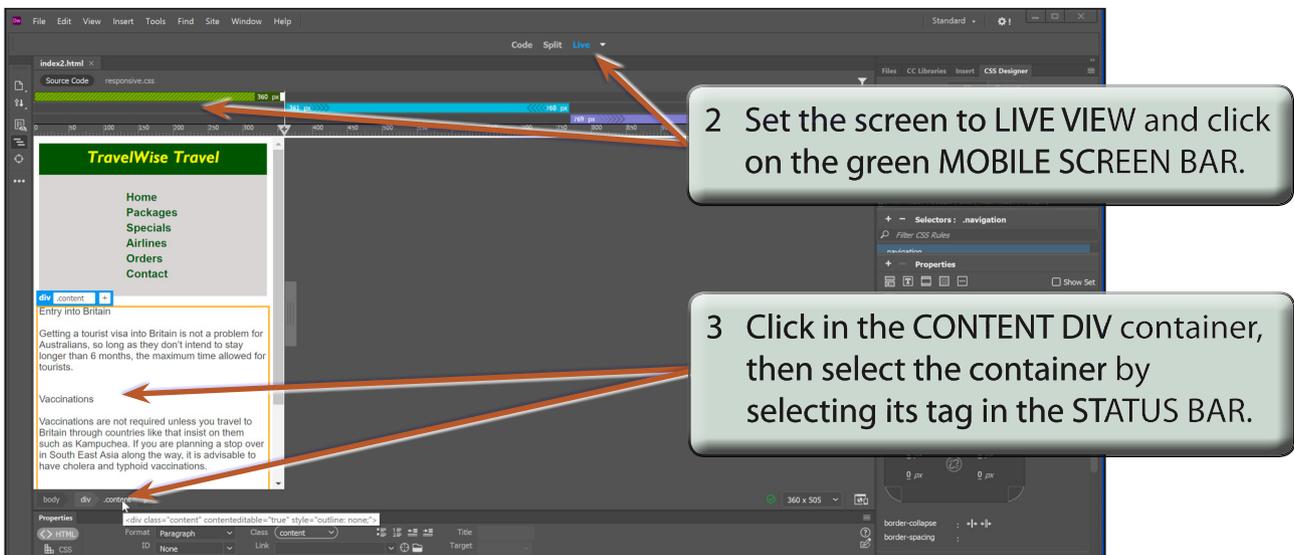
There are times when you want content to display in some screen sizes, but not in others. For example, you may want an image or a secondary navigation bar to show on the tablet and desktop screens, but not on the mobile screen.

## Hiding a Secondary Navigation Bar

### A Creating the Navigation Bar

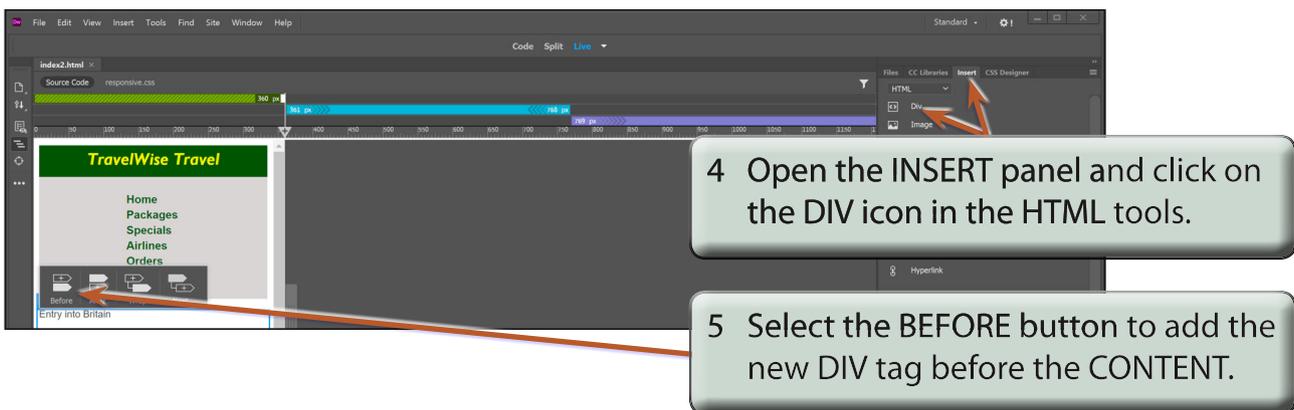
A secondary navigation bar will be added that will display at the left of the tablet and desktop screens only. Normally its DIV tag would be nested within a COLUMNS tag, but for simplicity, it will be added above the CONTENT tag and floated to its left.

- 1 Load DreamWeaver or close all the open files, set the FILES panel to your TRAVELWISE2 site and open the INDEX2.HTML file.



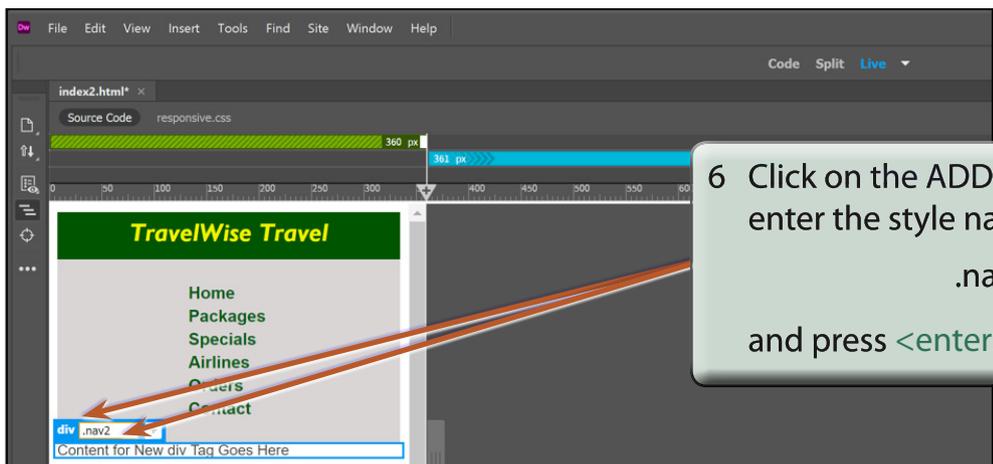
2 Set the screen to LIVE VIEW and click on the green MOBILE SCREEN BAR.

3 Click in the CONTENT DIV container, then select the container by selecting its tag in the STATUS BAR.

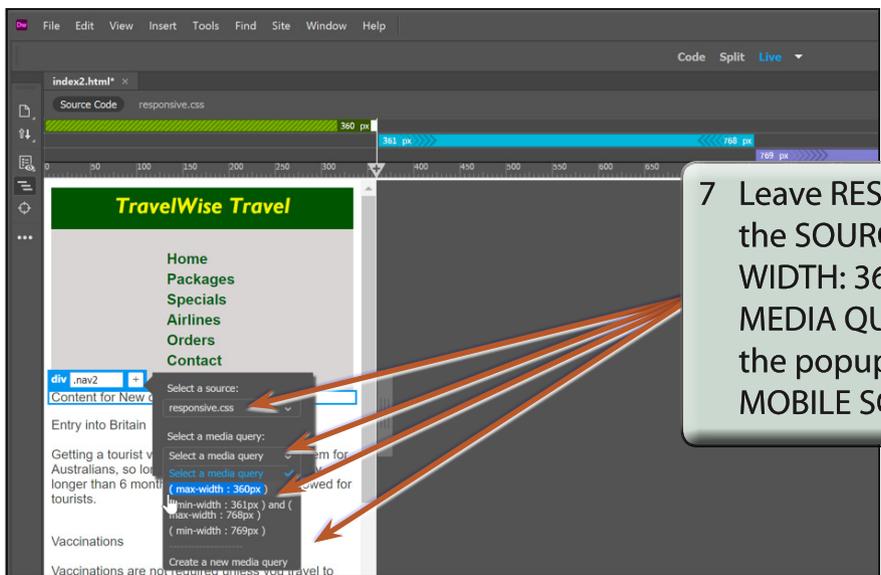


4 Open the INSERT panel and click on the DIV icon in the HTML tools.

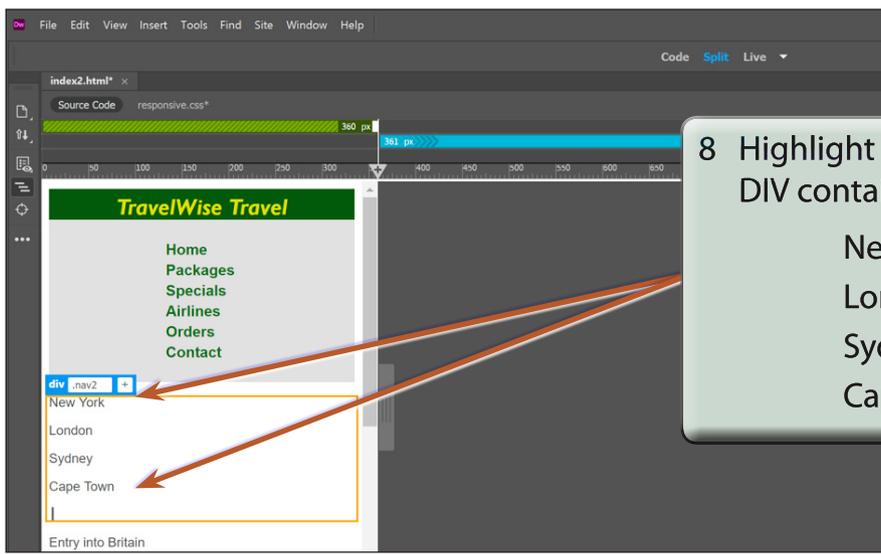
5 Select the BEFORE button to add the new DIV tag before the CONTENT.



6 Click on the ADD CLASS/ID button, enter the style name: `.nav2` and press `<enter>` or `<return>`.



7 Leave RESPONSIVE.CSS selected in the SOURCE box, select the MAX-WIDTH: 360px in the SELECT A MEDIA QUERY box and click outside the popup panel (BUT INSIDE THE MOBILE SCREEN).



8 Highlight the sample text in the new DIV container, enter:  
New York `<enter>`  
London `<enter>`  
Sydney `<enter>`  
Cape Town `<enter>`

# Using Behaviours

JavaScript is a web programming language that is much more powerful than HTML (HyperText Markup Language). In DreamWeaver you are able to utilise JavaScript commands without the need to understand the JavaScript language. One way you do this is through the Behaviours panel, which allows you to set events to occur on actions such as mouse presses or a page loading, etc. You have already used JavaScript when you created rollover buttons.

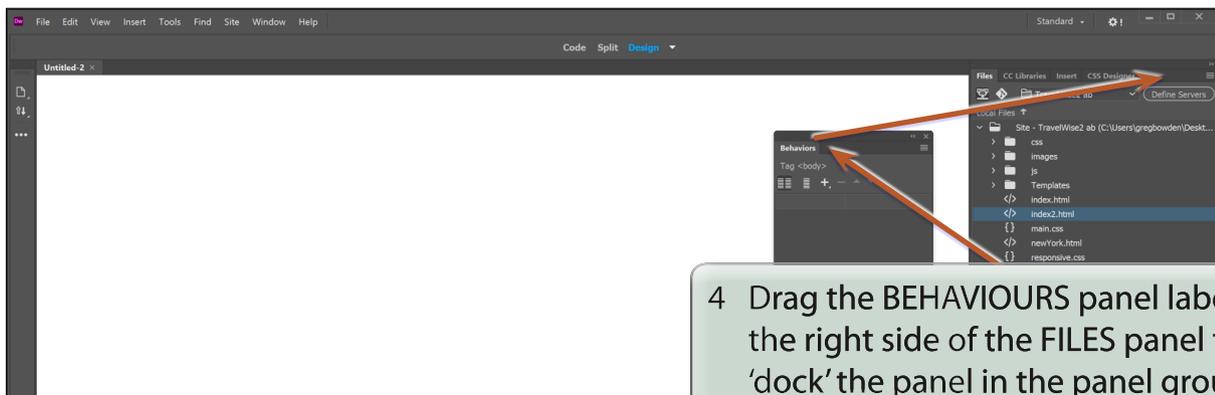
There are two sections to a BEHAVIOUR:

- an **ACTION** which might be a mouse click or a key press, and
- an **EVENT** which might be to add a popup message or validate fields in a form.

## The Behaviours Panel

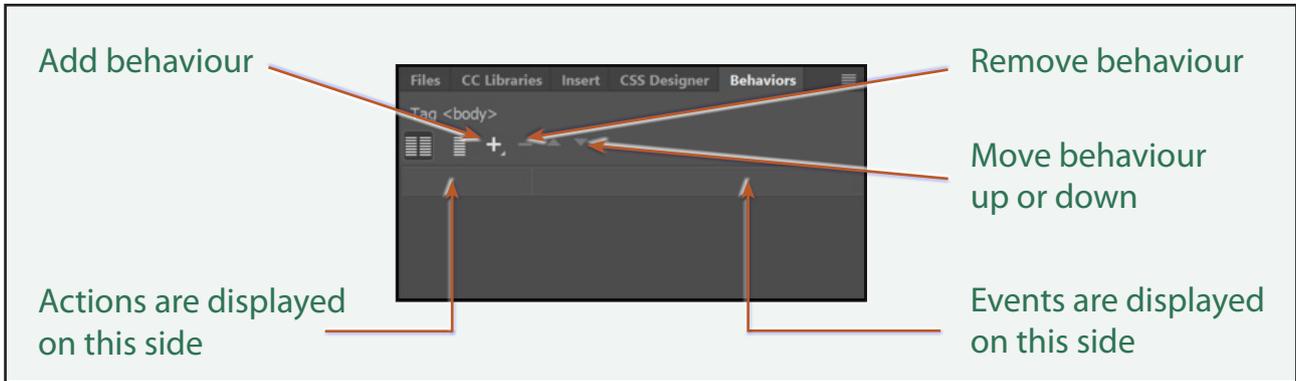
To simplify the use of behaviours, the static web layout will be used.

- 1 Load DreamWeaver or close the current files and set the FILES panel to the TRAVELWISE2 site.
- 2 Start a new HTML page and set the screen to DESIGN VIEW.
- 3 Display the WINDOW menu and select BEHAVIOURS to open the BEHAVIOURS panel (you can also press **SHIFT+F4** to open the BEHAVIOURS panel).



- 4 Drag the BEHAVIOURS panel label to the right side of the FILES panel to 'dock' the panel in the panel group.

5 The BEHAVIOURS panel sections are labelled in the following diagram.



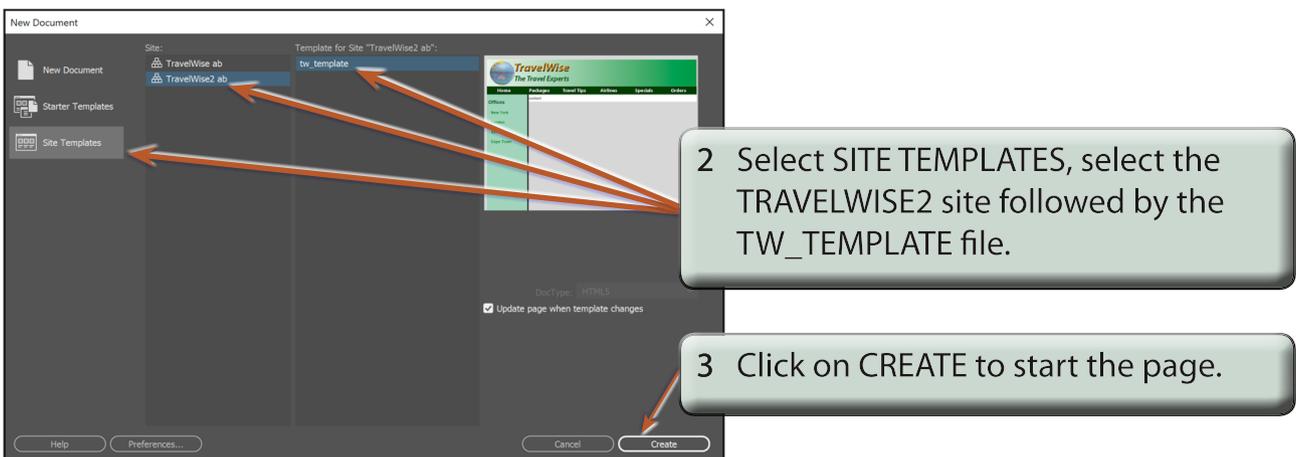
## Popup Messages

A variety of popup text messages can be produced using the BEHAVIOURS panel. These popup messages can be set to occur when a mouse is clicked or moved over an image.

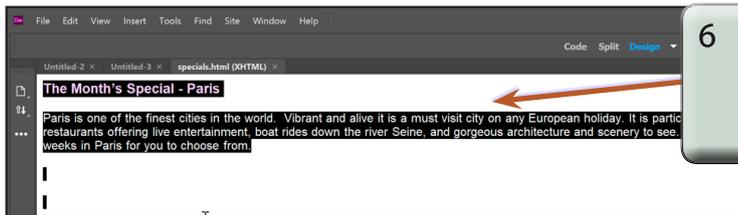
### A Setting up a Page

A simple page will be created from the template so that behaviours can be set on it. The content of the page has been prepared for you.

1 Display the FILE menu and select NEW.



- 4 Display the FILE menu and select OPEN.
- 5 Access the CHAPTER 20 folder of the DW SUPPORT FILES and open the SPECIALS.HTML page.



- 6 Press **CTRL+A** or **COMMAND+A** to select all the text and copy it by pressing **CTRL+C** or **COMMAND+C**.

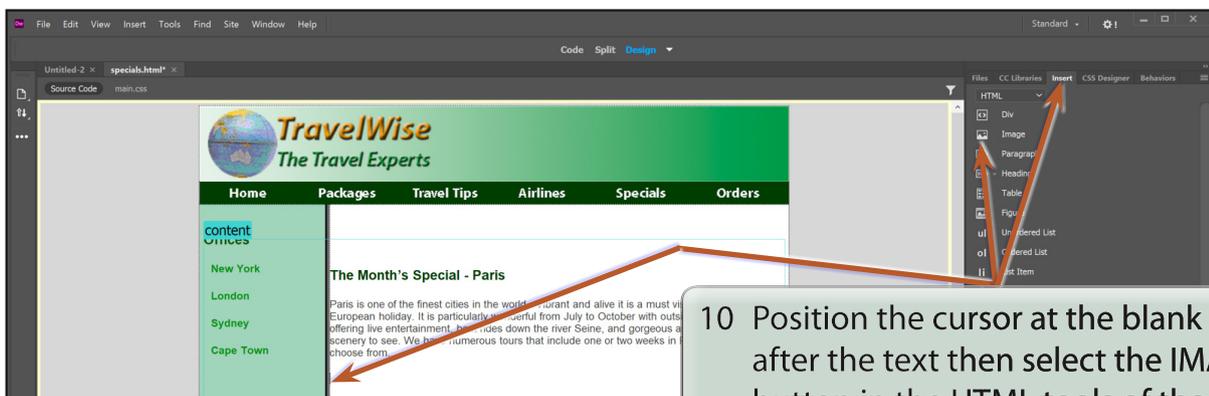
- 7 Close the SPECIALS.HTML page.



- 8 Highlight the **CONTENT** label, press **<enter>** or **<return>** to leave a blank line and **PASTE** the text in to it.

- 9 Save the page in your TRAVELWISE2 folder as:

specials.html



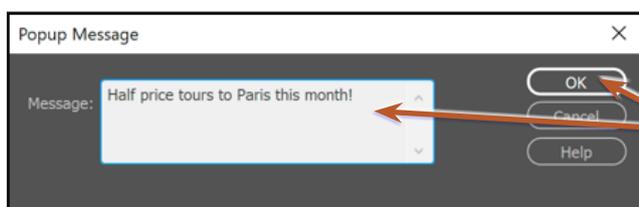
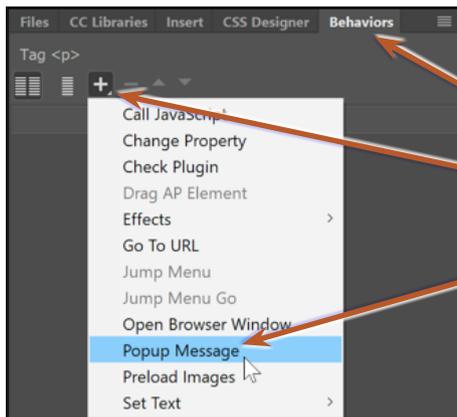
- 10 Position the cursor at the blank line after the text then select the **IMAGE** button in the HTML tools of the **INSERT** panel.

- 11 Insert the EIFFEL1 image from the CHAPTER 20 folder of the DW SUPPORT FILES and save the image in the IMAGES folder of your TRAVELWISE2 site.



## B Popup Dialogue Boxes

You can set a behaviour to show a message when a user clicks on the image.



# Importing Content and Media

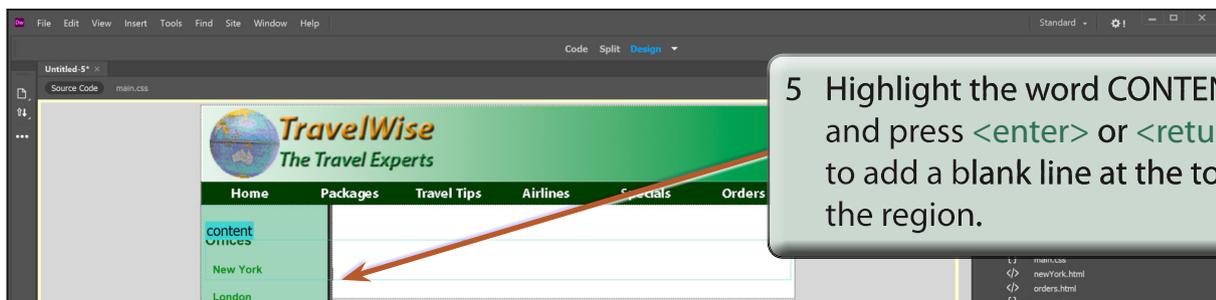
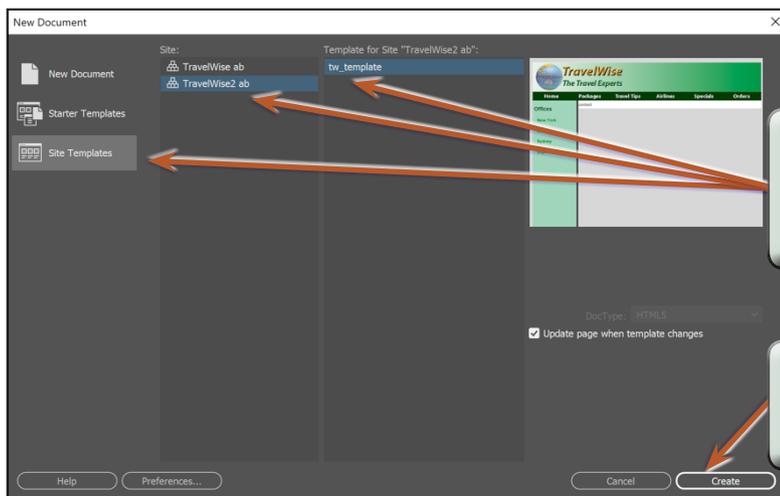
DreamWeaver allows you to import fully formatted Microsoft Word and Microsoft Excel documents, and to directly import media created in range of other programs such as Adobe Photoshop, Animate and FireWorks, this includes videos either directly from YouTube or from videos that you create yourself.

In this chapter you will create another SPECIALS page that provides information about tour packages on a selected city and a LONDON page that displays video content.

## Starting the Page

The page will be created from the TW\_TEMPLATE file.

- 1 Load DreamWeaver or close the current page and set the FILES panel to your TRAVELWISE2 site.
- 2 Select CREATE NEW from the START screen or select NEW from the FILE menu.



6 Save the page in your TRAVELWISE2 folder as:

specials2.html



## Importing Microsoft Word Documents

When content is added from Microsoft Word and Microsoft Excel directly into your DreamWeaver pages, that content retains the formatting done in Word or Excel. This means that you can produce your content in those programs or use content that you may already have.

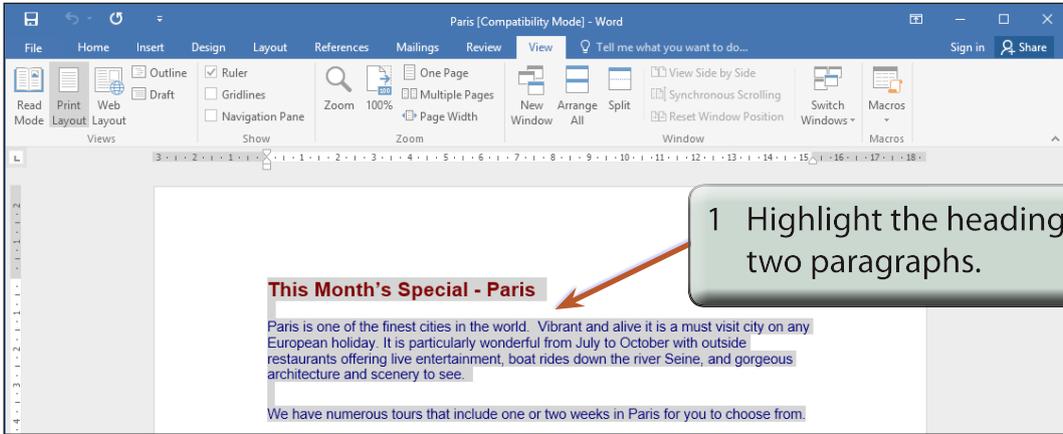
Let's add some text from a formatted Microsoft Word document that has been prepared for you into the SPECIALS2.HTML file

### A Opening the Prepared Word Document

- 1 Open Microsoft Word.
- 2 Click on the OPEN button in the opening screen.
- 3 Access the DW SUPPORT FILES, open the CHAPTER 21 folder and load the file:

Paris.doc

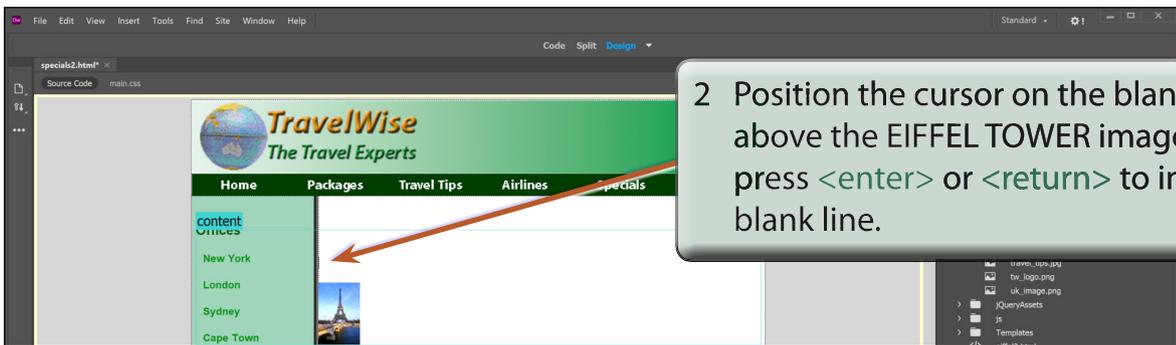
## B Copying the Microsoft Word Text



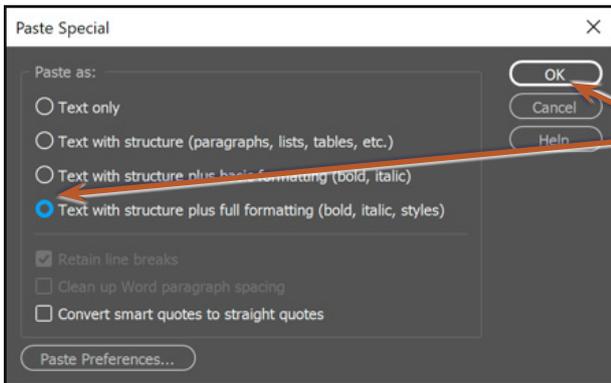
- 2 Press **CTRL+C** or **COMMAND+C** to copy the text.

## C Pasting the Text into DreamWeaver

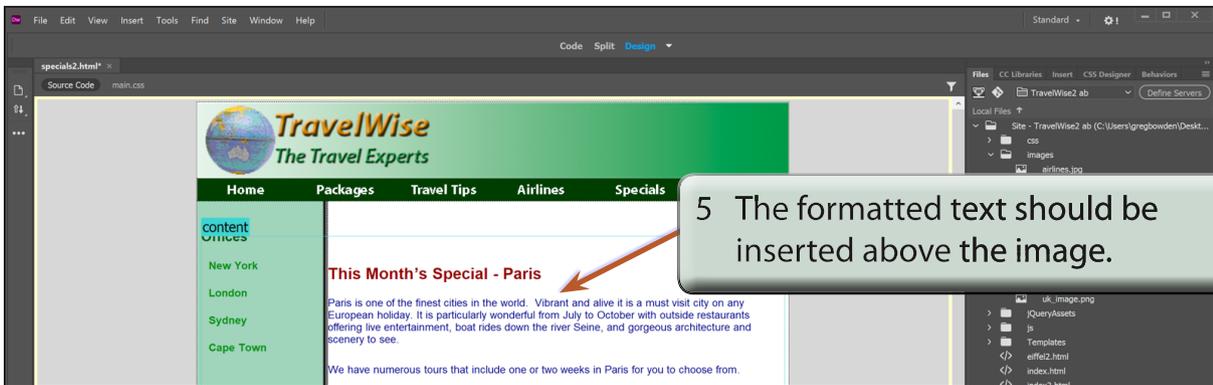
- 1 Return DreamWeaver to the screen (you can click on its tab or icon at the bottom of the Windows screen or click on the DreamWeaver icon in the DOCK at the bottom of the Macintosh screen).



- 3 Display the **EDIT** menu and select **PASTE SPECIAL**.



4 Select the TEXT WITH STRUCTURE PLUS FULL FORMATTING option and click on OK.



5 The formatted text should be inserted above the image.

**NOTE:**

- i If you select PASTE from the EDIT menu the text is inserted without any formatting.
- ii You can create CSS styles from the formatted text that you import from Microsoft Word.

# Code Snippets

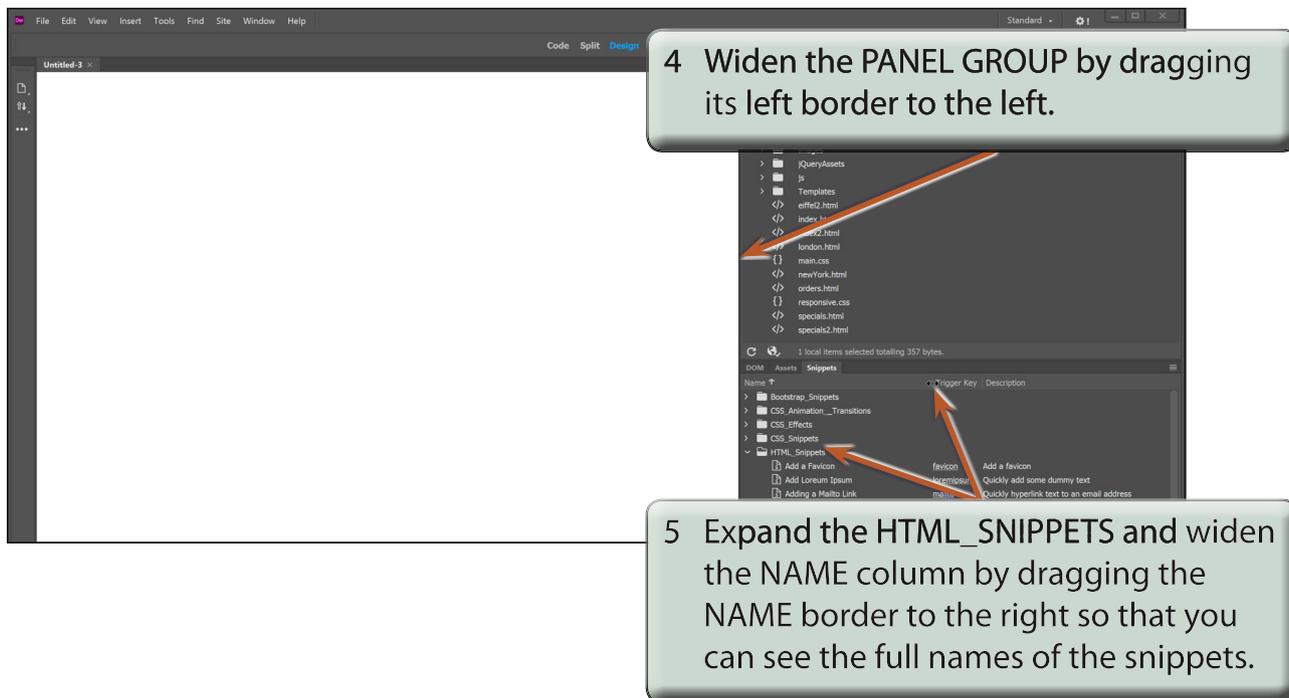
Code Snippets are small packets of HTML and CSS code that can be inserted into web pages at any time or at any position.

DreamWeaver provides prepared snippets of common web components such as navigation bars or you can create and store your own snippets.

## Preset Snippets

### A Opening the Snippets Panel

- 1 Load DreamWeaver or close the current files and set the FILES panel to your TRAVELWISE2 site.
- 2 Select CREATE NEW from the START screen or select NEW from the FILE menu and start a HTML page.
- 3 Expand the SNIPPETS panel in the PANEL GROUP. It is next to the ASSETS panel.



4 Widen the PANEL GROUP by dragging its left border to the left.

5 Expand the HTML\_SNIPPETS and widen the NAME column by dragging the NAME border to the right so that you can see the full names of the snippets.

Name	Trigger	Key	Description
Bootstrap_Snippets			
CSS_Animation...Transitions			
CSS_Effects			
CSS_Snippets			
HTML_Snippets			
Add a Favicon	favicon		Add a favicon
Add Lorem Ipsum	loremipsum		Quickly add some dummy text
Adding a Mailto Link	mailto		Quickly hyperlink text to an email address

- 6 Set the VIEW to SPLIT view so that you can see the code provided by the snippets.

## B Inserting Prepared Snippets

1 Drag the CREATE A NAVIGATION BAR snippet on to the page

2 The code for the snippet is inserted between the BODY tags.

```
1 <!doctype html>
2 <html>
3 <head>
4 <meta charset="utf-8">
5 <title>Untitled Document</title>
6 </head>
7
8 <body>
9 <nav class="navigation">
10 <ul>
11 <li><a href="#"><span>Privacy</span></a></li>
12 <li><a href="#"><span>Sitemap</span></a></li>
13 <li><a href="#"><span>Newsletter</span></a></li>
14 <li class="account"><a href="#"><span>My Account</span></a></li>
15 </ul>
16 </nav>
17 </body>
```

**NOTE: The NAVIGATION BAR snippet is a group of formatted text links. All you would need to do is change the text and set the links to complete the navigation bar.**

3 Drag the CREATE A BACK BUTTON snippet to the page and it is added below the navigation bar

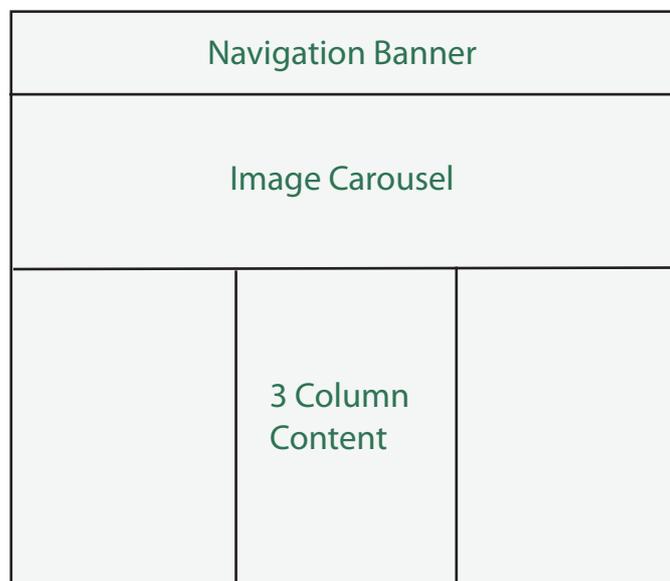
```
2 <html>
3 <head>
4 <meta charset="utf-8">
5 <title>Untitled Document</title>
6 </head>
7
8 <body>
9 <nav class="navigation">
10 <ul>
11 <li><a href="#"><span>Privacy</span></a></li>
12 <li><a href="#"><span>Sitemap</span></a></li>
13 <li><a href="#"><span>Newsletter</span></a></li>
14 <li class="account"><a href="#"><span>My Account</span></a></li>
15 </ul>
16 <input type="button" value="Back" onClick="history.back()" />
17 </body>
```

# The Bootstrap Framework

Bootstrap is a popular CSS Framework for developing responsive and mobile compatible websites. It is a free collection of handy, reusable snippets of code written in HTML, CSS, and JavaScript, saving you the time of writing the code yourself.

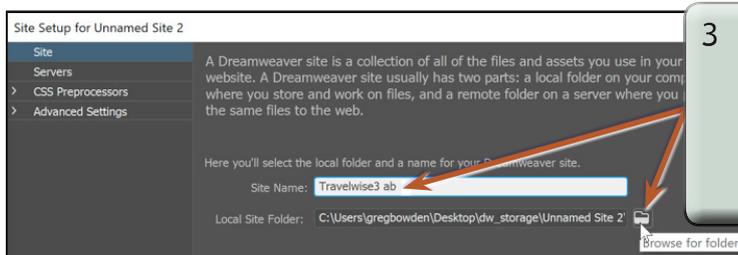
With a basic understanding of HTML and CSS code you can develop simple, attractive web sites. However, if you intend to develop more detailed web sites using Bootstrap, you do need to have a more comprehensive understanding of HTML and CSS.

In this case a new site will be created and Bootstrap snippets used to create a simple page layout with the following structure.



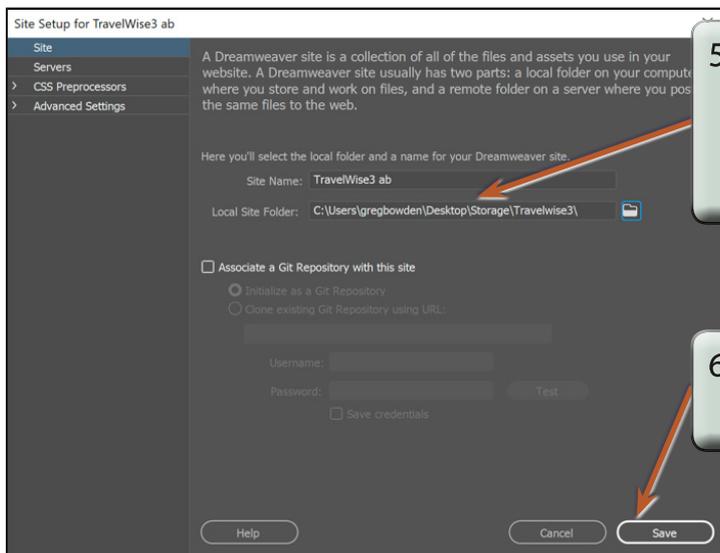
## Starting a New Site

- 1 Load DreamWeaver or close the current documents.
- 2 Display the SITE menu and select NEW SITE.



- 3 In the SITE NAME box enter:  
Travelwise3 <your initials>  
then click on the BROWSE icon next to the LOCAL SITE FOLDER box.

- 4 Access your STORAGE folder and create a new folder called TRAVELWISE3.



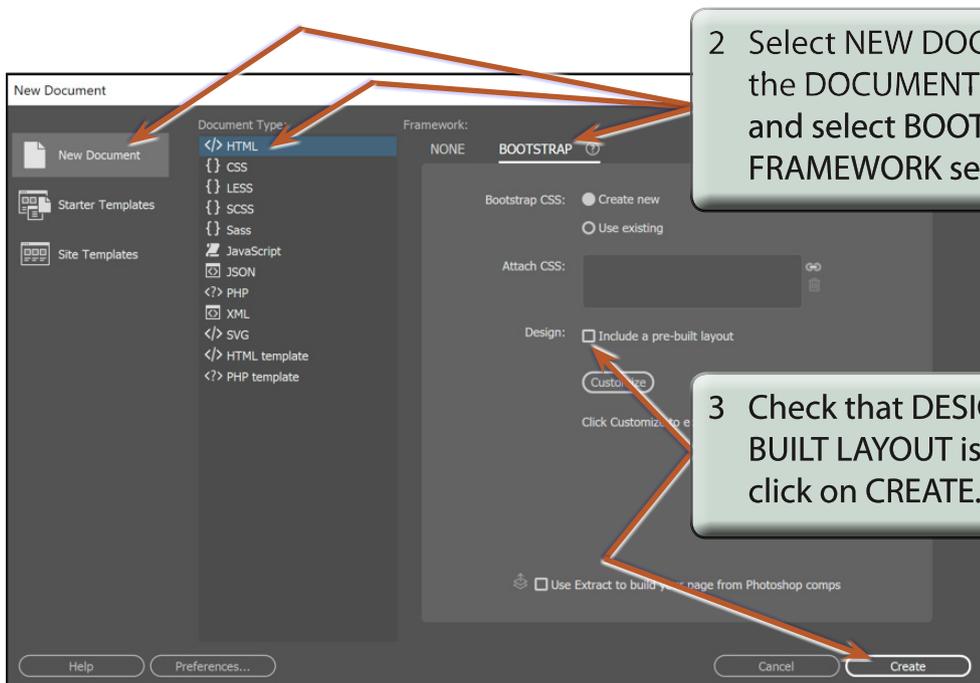
5 Select SELECT FOLDER or CHOOSE and the path to the folder should be added to the LOCAL SITE FOLDER box.

6 Click on the SAVE button to save the site details.

## Starting a Bootstrap Framework Page

To use Bootstrap snippets a Bootstrap page needs to be started. The page installs the CSS and JavaScript files needed to use the Bootstrap code.

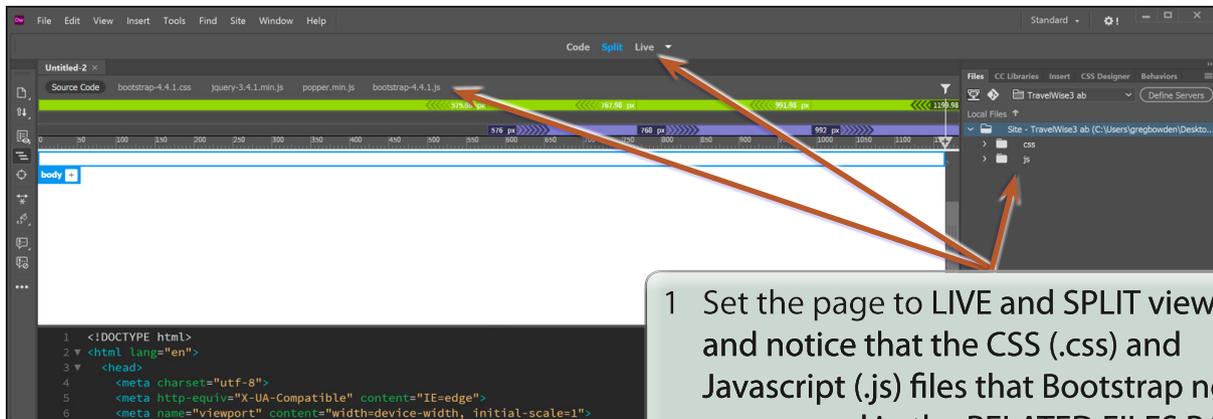
- 1 Select CREATE NEW from the START screen or select NEW from the FILE menu.



2 Select NEW DOCUMENT, set the DOCUMENT TYPE to HTML and select BOOTSTRAP in the FRAMEWORK section.

3 Check that DESIGN: INCLUDE A PRE-BUILT LAYOUT is not selected and click on CREATE.

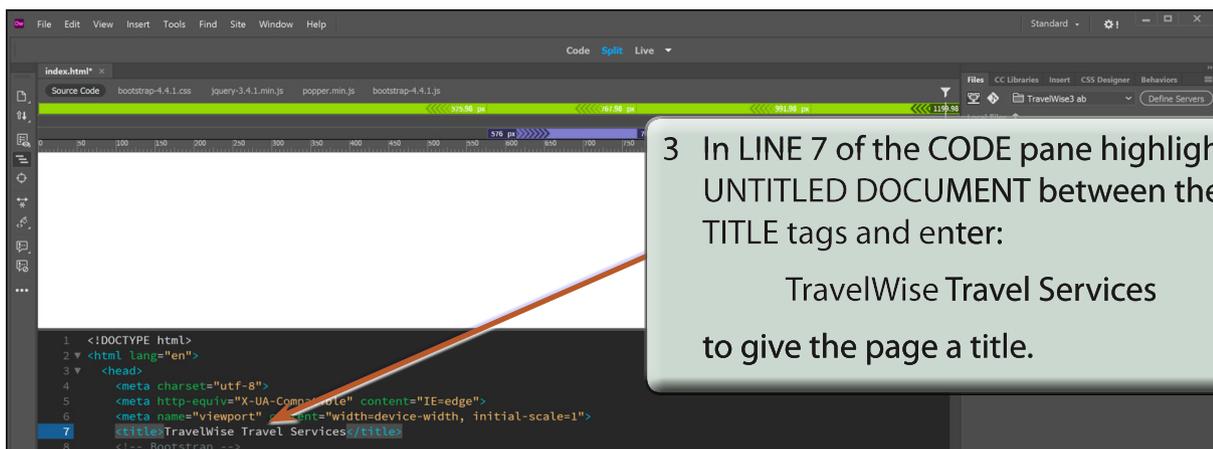
## Looking at the Files



**NOTE:** It is best not to alter the .css or .js files as they store the necessary code for the Bootstrap snippet code that you add to function correctly.

2 Save the page in your TRAVELWISE3 folder as:

index.html

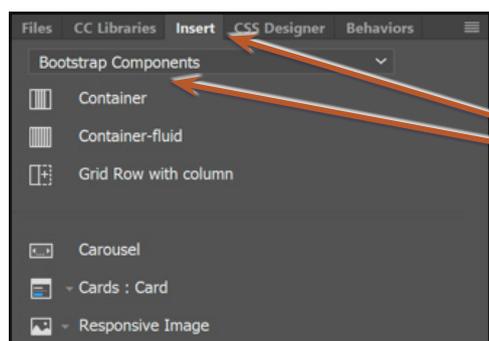


## The Navigation Bar

A navigation bar can be inserted at the top of the page and a logo nested within it. This can save space on your page.

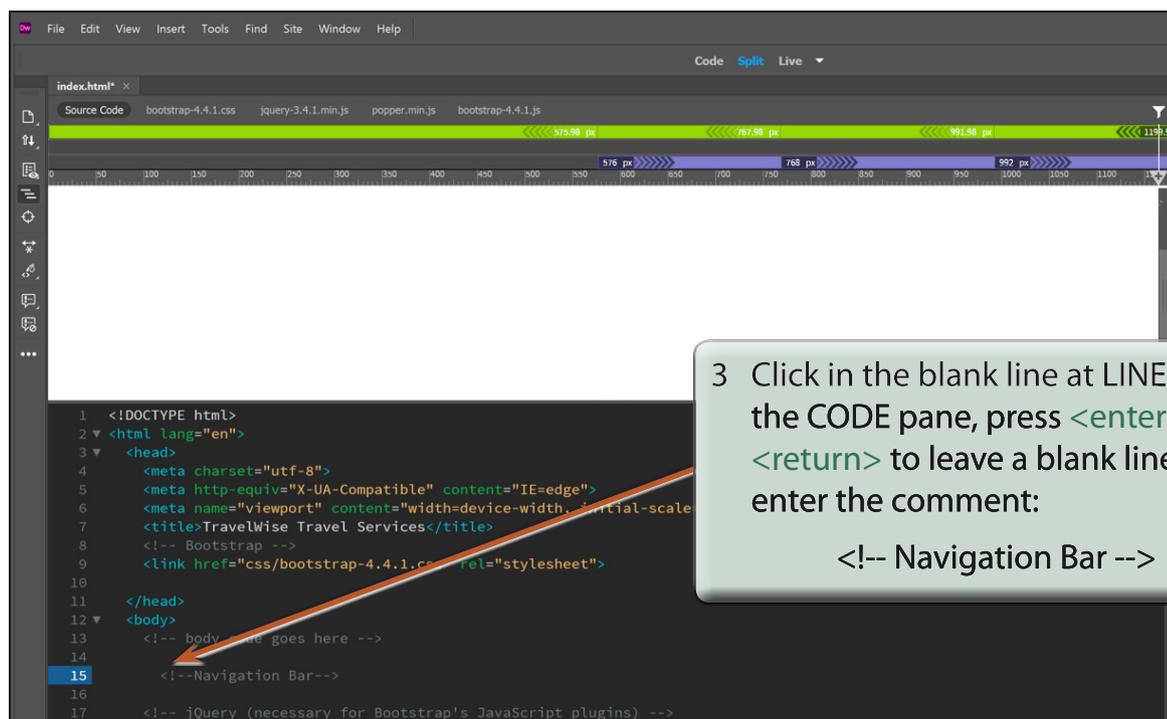
The Bootstrap snippets can be inserted from the SNIPPETS panel or the INSERT panel. The INSERT panel is probably easier to use, so that will be used here.

### A Inserting the Navigation Bar Code



1 Expand the INSERT panel and set its top box to BOOTSTRAP COMPONENTS.

- 2 In the CODE pane it is good practice to add a comment at the position that each Bootstrap code snippet will be inserted. It makes easier to edit the code later.



3 Click in the blank line at LINE 14 in the CODE pane, press `<enter>` or `<return>` to leave a blank line, then enter the comment:  
`<!-- Navigation Bar -->`

# Useful Tools

There are some extra tools that are provided in DreamWeaver that you might like to make use of. The size of the DreamWeaver work page can be adjusted to help create the type of pages you want, CSS Transitions can be applied to CSS styles to make them animate and Tab Panels can be used to increase the content provided in pages. There are also sample template designs in the NEW DOCUMENT dialogue box that can be used.

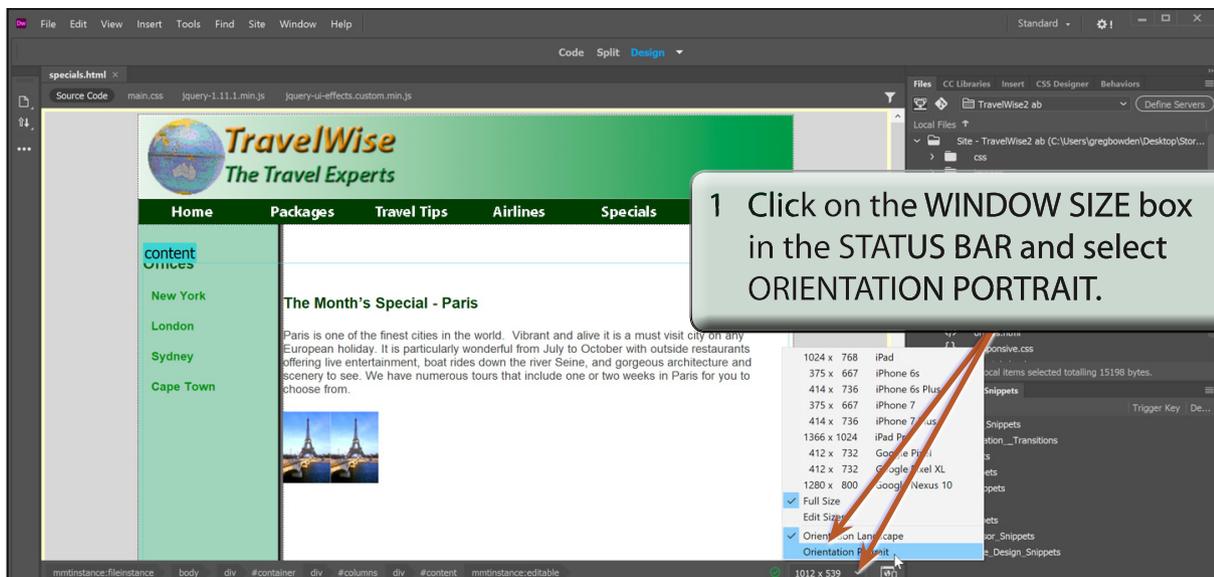
## Screen Displays

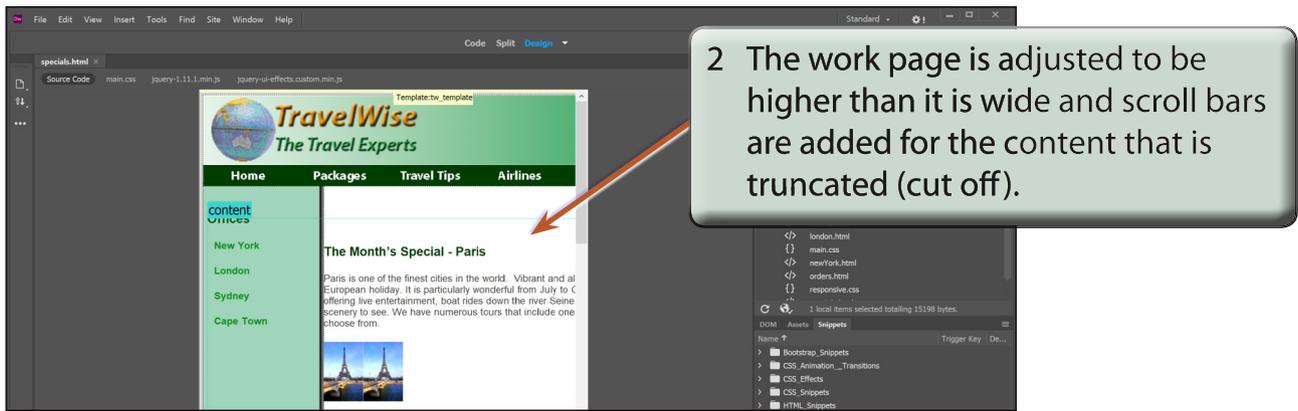
The WINDOW SIZE box in the STATUS BAR allows you to control the size of the work page.

- 1 Load DreamWeaver or close the current pages.
- 2 Open the FILES panel and set it to the TRAVELWISE2 site.
- 3 Open the SPECIALS.HTML page and set the screen to DESIGN VIEW.

### A Portrait Orientation

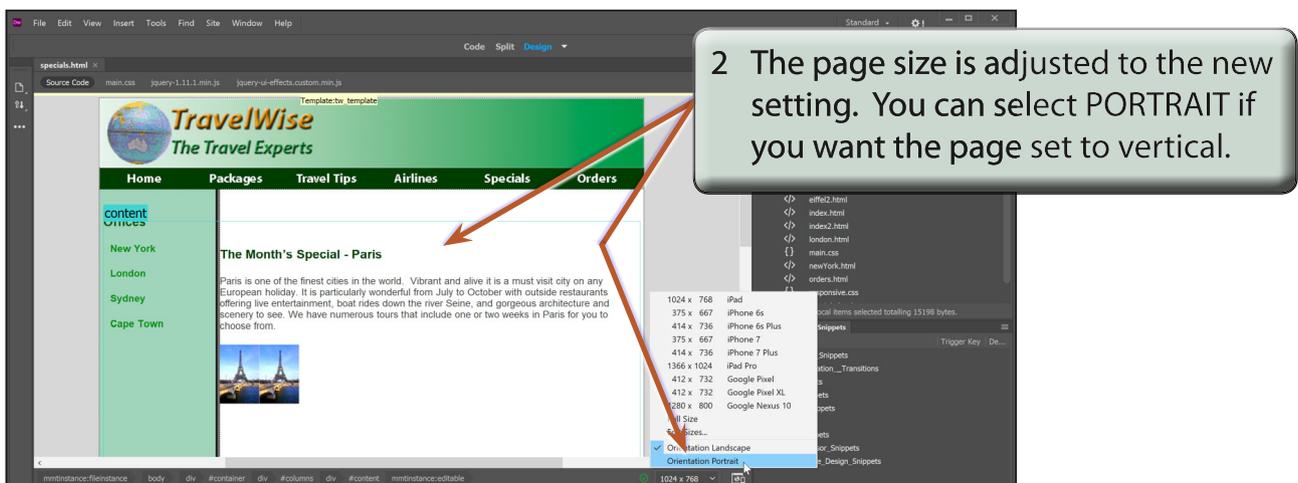
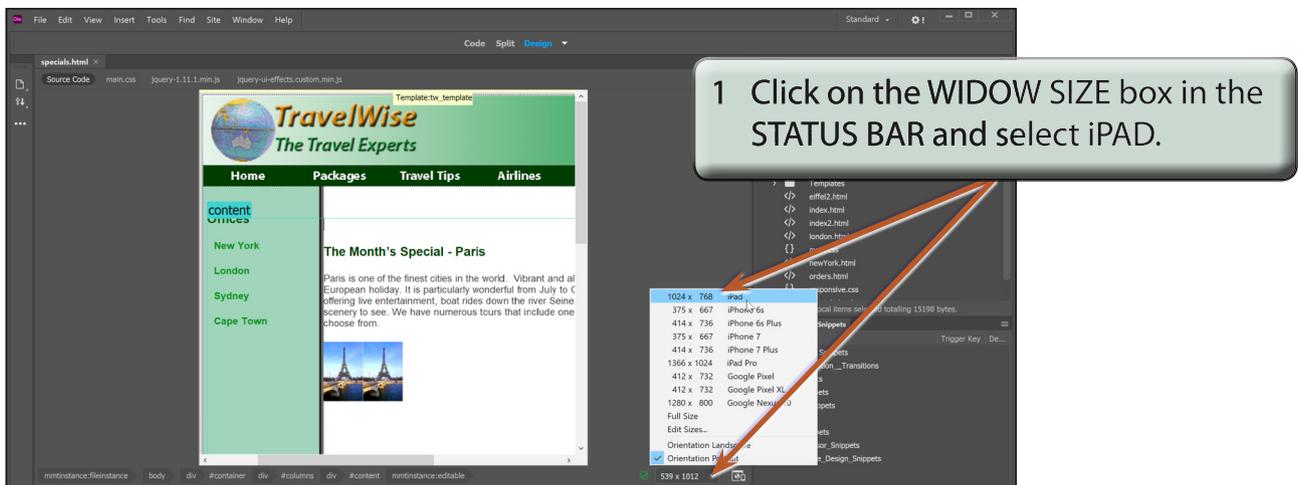
The default work page is set to landscape orientation because computer screens are wider than they are high. When creating pages specifically for mobile devices or tablets you might prefer to set the work page to portrait orientation to match the screens of those devices when they are used vertically.

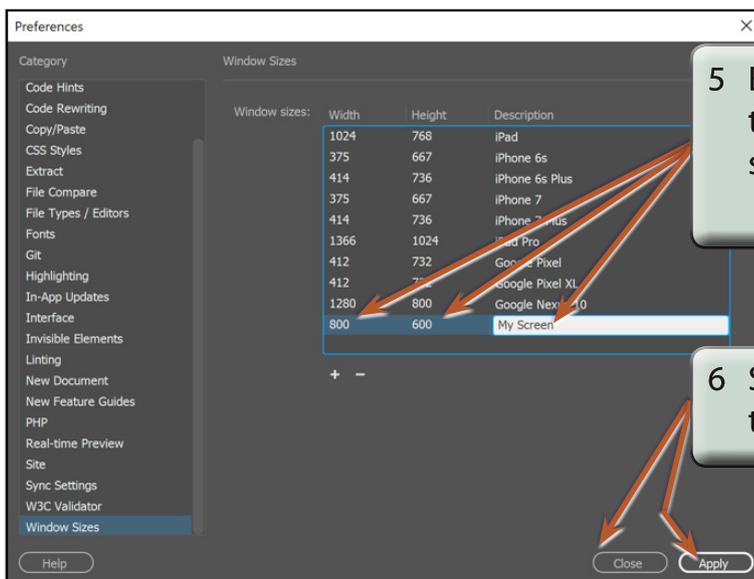
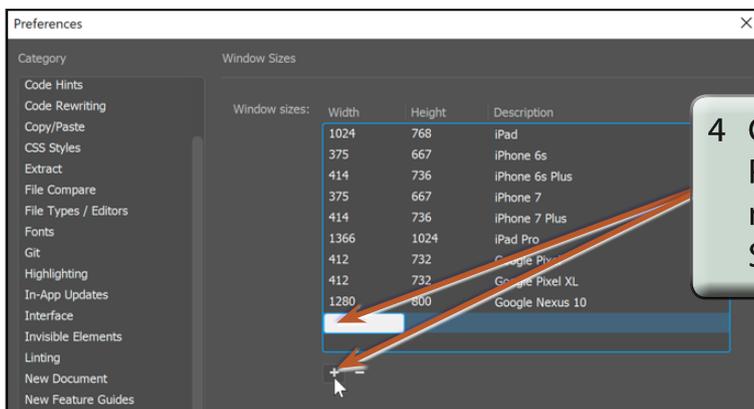
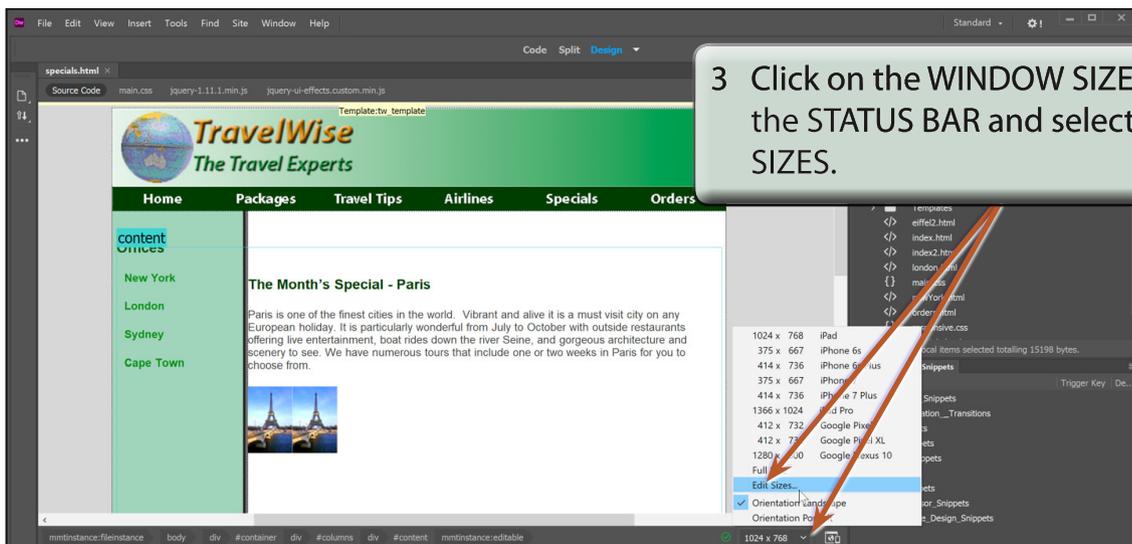


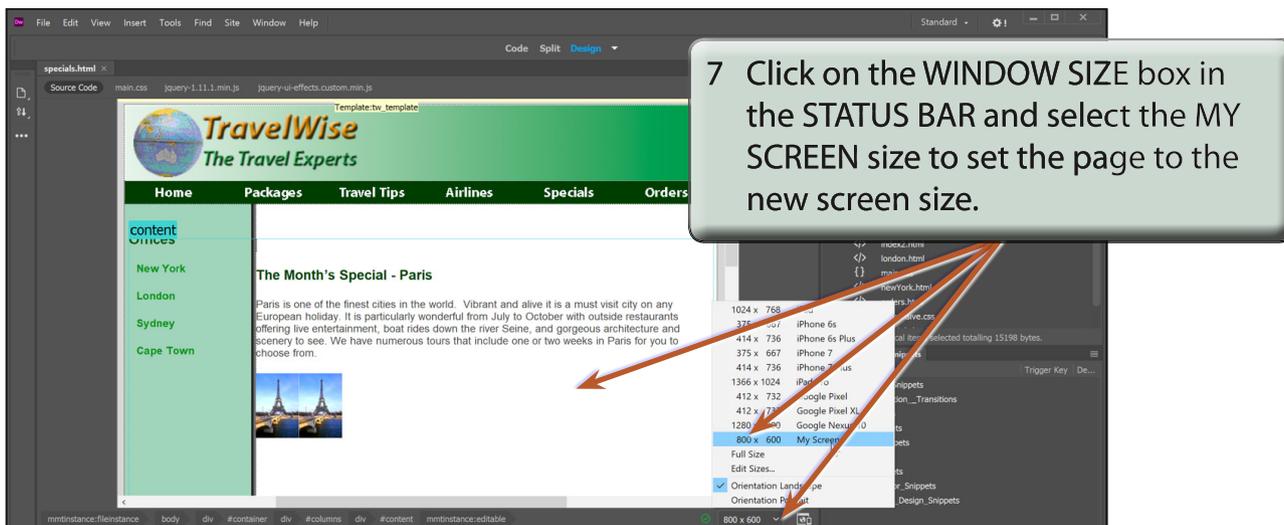


## B Custom Page Displays

There are a series of pre-prepared page sizes that can be applied to your pages or you can create your own sizes.







## C Deleting Page Sizes

The page sizes in the WINDOW SIZE menu can be edited or deleted. Let's delete the custom page size you just created.

