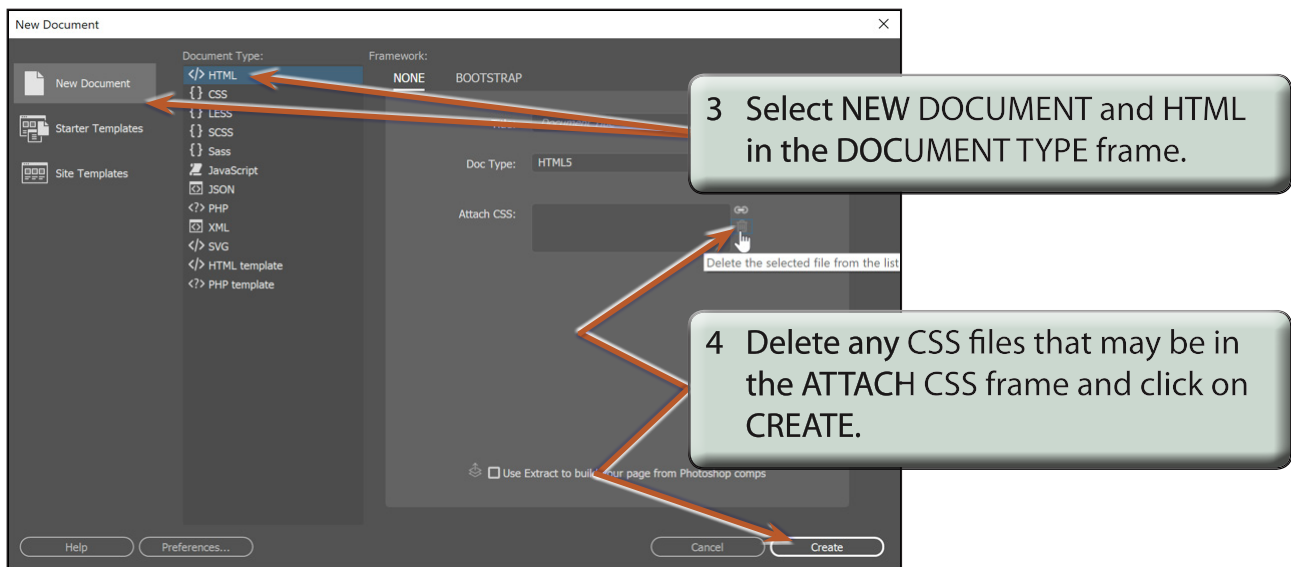# Responsive Web Page Layouts

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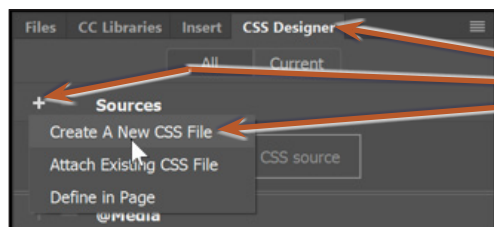
Two files will be created. An INDEX2.HTML page and a related CSS page that will store the layout and formatting code.

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.

3   Select NEW DOCUMENT and HTML in the DOCUMENT TYPE frame.

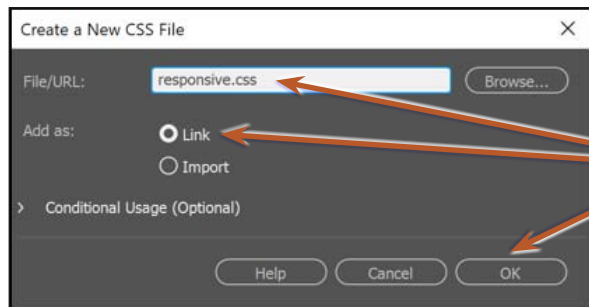4   Delete any CSS files that may be in the ATTACH CSS frame and click on CREATE.

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

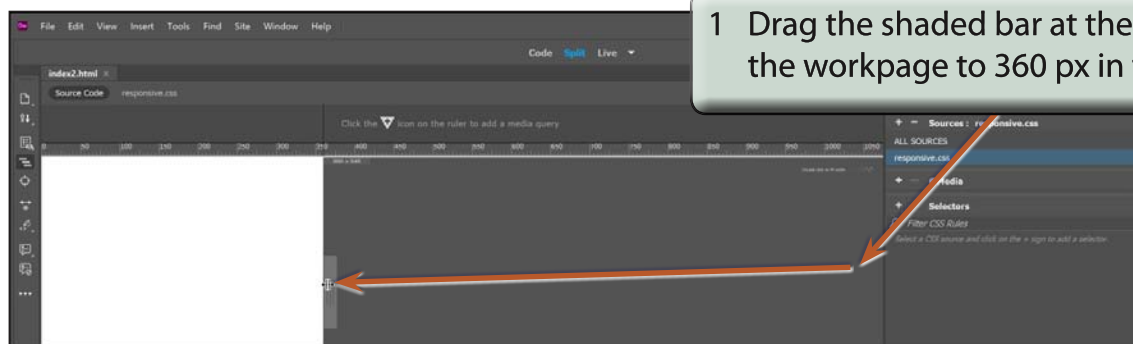Check that the ADD AS section is set to LINK and select OK.

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

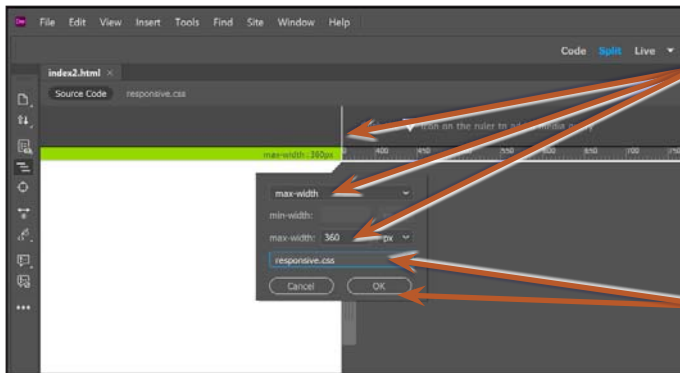8   Turn on LIVE VIEW and set the screen to SPLIT VIEW.

The Mobile Screen Settings

The first screen layout (called a media query) will be for mobile screens. There a 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.

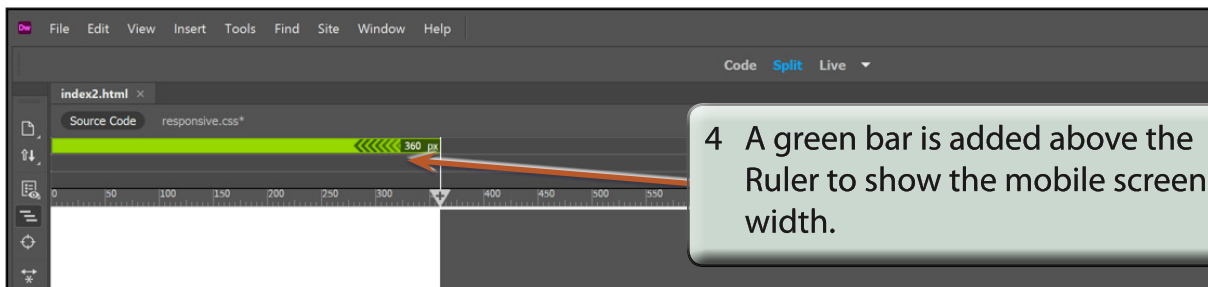## A   Setting the Screen Width

1 Drag the shaded bar at the right of the workpage to 360 px in the Ruler.
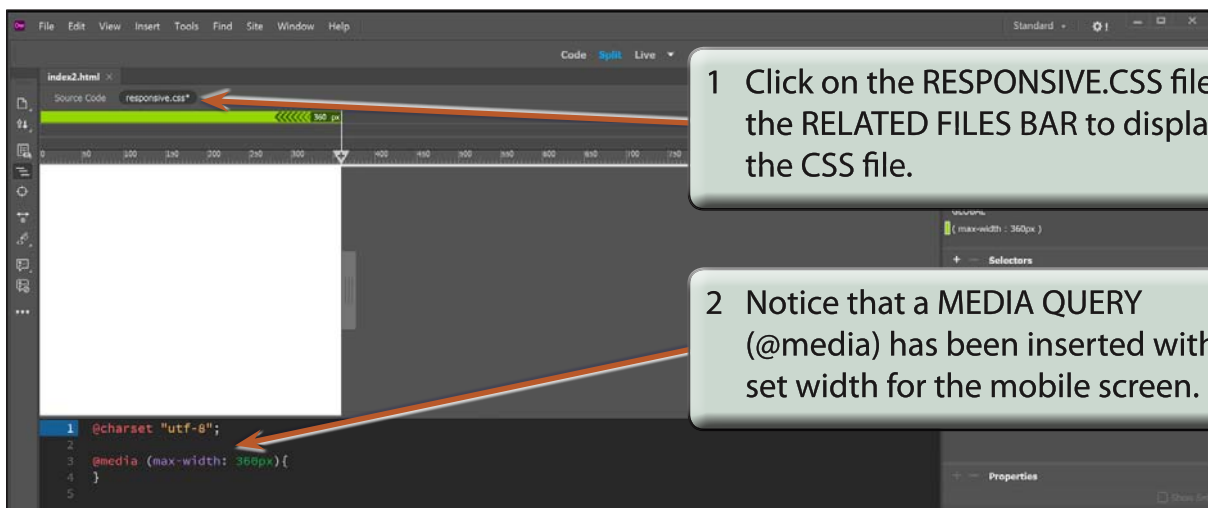
2   Click on the TRIANGLE icon at 360 px in the RULER to insert a media query. Leave the top box set to MAX-WIDTH and the MAX-WIDTH box below it set to 360 px.

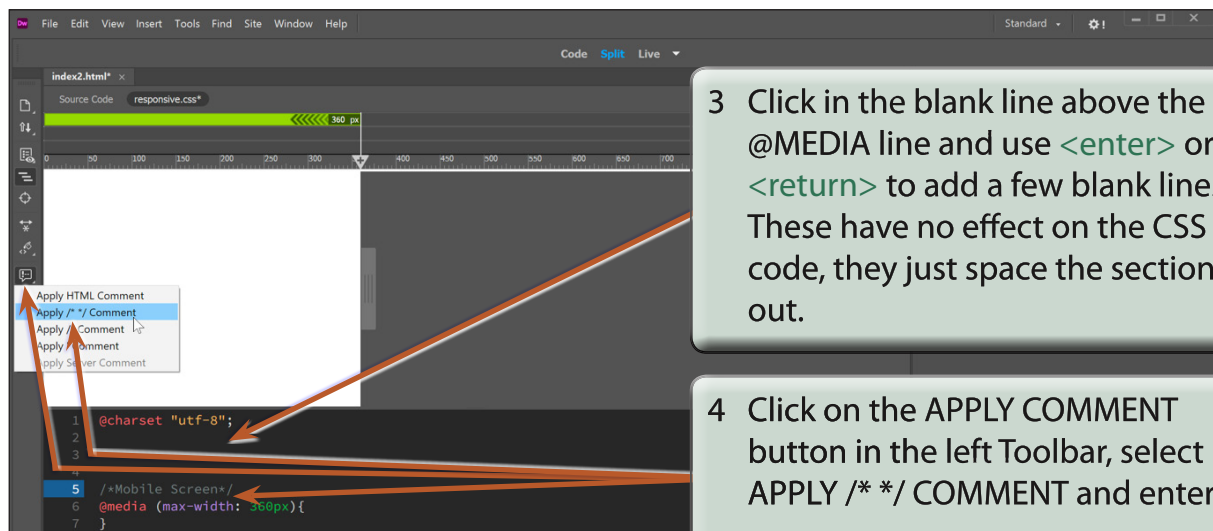3   Click on the CREATE A NEW CSS FILE box, select the RESPONSIVE.CSS file and select OK.

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.