HTML : image links, table data
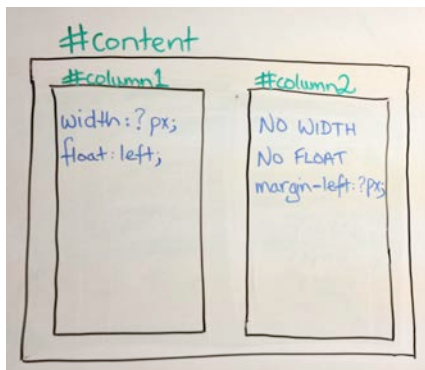# CSS : floats, clear, pseudo classes for links

Preparation

1   Copy the **Travel Australia** folder to your disk space – your teacher will advise the location of this folder

2   You are to create two pages to xHTML strict and CSS2 standards – the pages are Specials and Contact Us

3   Apply in-class exercises to code for:

  ▪ image links, comment tags and table data

  ▪ background images, float, clear and pseudo links

Your Notes for Coding Table Data

<table> <caption> <tr> <th> <td>   colspan   rowspan   border-collapse: collapse

Floats

Adjust the pixel values for each job

#column1 {
width: 300px;
float: left;
}

#column2 {
margin-left: 330px;
}

In this example, a 30px space is applied between the columns

CSS Pseudo Link Examples

CSS coding	Example	Description

a {
text-decoration: none;
}
	Home	removes the default underline from ALL links in the web page. The default colour is applied

#nav a {
color: #6a6a6a;
}
	Home	in the nav container, this rule applies a charcoal colour to the links. There is no underline when the css rules are coded in this sequence

#nav a:visited {
color: #b04743;
}
	Home	in the nav container, this rule applies a dark red colour with no underline when the linked page is visited

#nav a:hover {
color: #bfbdbc;
text-decoration: underline;
}
	Home	displays a light grey colour with an underline on hover/mouseover. The underline is displayed here when the css rules are coded in this sequence - it overrides the previous rules

These pseudo classes must be coded in this sequence. It ensures the hover effect is displayed whether the page has been visited or not visited

The Order of Pseudo Links in Important
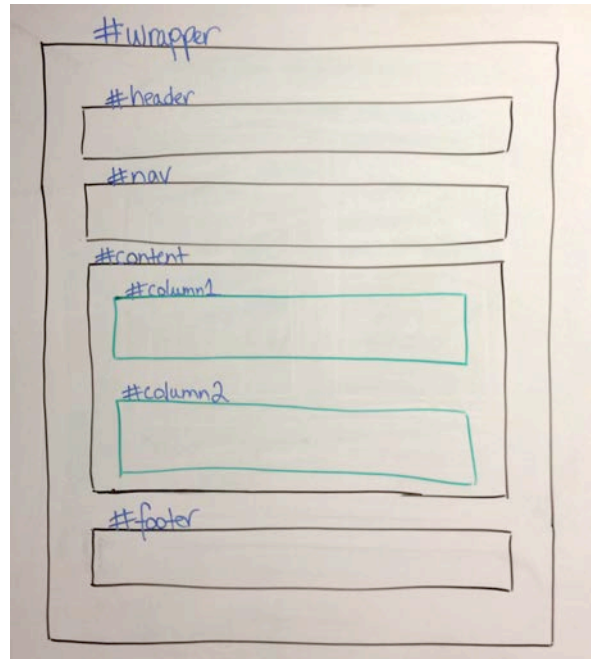
a

a:link

a:visited

a:hover

a:active

Recommended Coding and Testing Steps

1   Code the html file

2   Validate at W3C

3   Open the html file in a range of browsers – typically the 3 current, most popular browsers

4   Code the css file and regularly check the display in a range of browsers

5   Validate the css file at W3C

6   Validate the html file again if you have made changes to the html file since step 1

7   Test the completed page in a full range of browsers and settings

Details for the Travel Australia pages are on the next pages

Specials page

1. Create **specials.html** and insert coding for page structure – refer to the structure diagram at right

2. Insert the content into each structural container

3. Place a comment tag around the table data to temporarily remove its display in the browser. The table codes will be inserted later in this task

4. Apply semantically correct coding to the content

5. Do not use a filename placeholder (#) in any link

6. Validate the html file at W3C

7. Open the artwork in Photoshop

8. Develop an external style sheet using the artwork for the Specials page and the information from the graphic designer below

   a. no inline styles are to be applied in the html

   b. no classes are to be applied in the css – apply descendant selectors instead

9. Include your reset rules at the top of the css file

From the graphic designer

1. CSS information

   a. the preferred font family is "Trebuchet MS". Followed by arial and sans-serif. The double inverted commas are required in the preferred font because there is a space in the value for this attribute

   b. all text colour is black unless indicated

   c. the background image for the body tag is located in the /images folder, it is tiled horizontally

   d. the background colour for the body of the web page is #ece9eb

   e. width of the wrapper container is 875px. It is positioned in the horizontal centre of the browser window

   f. the wrapper container has a white background colour and a solid, 20 pixel border of #575b4c

   g. the logo image in the header container is linked to the home page

   h. in the navigation container, the font size for the list items is 1.4em and the colour is #c91537

   i. the links in the navigation container have text decoration that is not underlined, the colour is #7f8275 and the hover/mouseover text is black

   j. the rainforest image in the column1 container has a solid, 9 pixel border of #f95e7c

   k. a width and float left is applied to column1– refer to the float example, measure the distance in Photoshop and apply values that suit this job

   l. apply a left margin to the column2 container – refer to the float example and apply values that suit this job

   m. the font weight is bold for the main heading, the colour is #f71a44 and the font size is 1.4em

   n. the font weight is normal for the sub-heading, the colour is #400f18 and text size is 1.1em

   o. the font size of the paragraphs is 0.9em

p. the link in the last paragraph has a font weight of bold and its colour is #c91537. Its hover/mouseover effect is an underline

q. apply a 'clear both' rule to the footer container

r. the footer text is to be coded as a list with a font size of 0.75em

s. the links in the footer have the default text decoration removed (no underline)

t. the colour for these links is black with a hover/mouseover colour of #7f8275

u. link the logo image to the home page (Note from the Project Manager. There's a problem with the linked image border in some IE browser versions – please research the problem and correct it)

v. also link 'contact us' in the content area to the contact us web page

2   Remove the comment tags from the table data and apply html tags to the data, referring to the classroom demonstration and your notes

3   Using css, apply a width of 300 pixels to the table then apply other css rules to match the table display as shown in the artwork

4   Validate the html and the css files at W3C

5   Test the page structure – add additional text to the column1 container, display in browsers and adjust the code if necessary. Delete the additional text

6   Repeat for the column2 container – discuss

7   Test the web page in a variety of browsers and adjust as necessary

Contact Us page

1   The page structure is the same as specials.html. Copy specials.html, rename it as contact_us.html then adjust the content to suit this new web page

2   Amend the main heading to 'Contact Us'

3   Display the following information down the right hand side of the Contact Us page ... remember to apply list items to this text

Travel Australia Pty Ltd
200 Wattle Street
Ultimo NSW 2007

Ph: 02 9699 1234
SMS: 0412 123 456
Email: info@travelaustralia.com.au

4   Apply css to 'display block' (vertical list items) then add a top margin to the fourth list item

5   Validate the html and css files at W3C

6   Test the display in a variety of browsers

7   Amend the coding if necessary

8   Test the links between the two pages

9   Refer to the checklist on the next page

Example Marking Guide

Items	Strong	Additional work recommended	Significant work required
folder management including resources folder outside the web folder structure			
filenames suitable for web, no spaces, no index.html			
site-specific css name, one file applied to multiple pages			
validated xhtml strict _____ error/s			
validated css file _____ error/s			
layout is similar in different sizes and browsers			
pages link to each other			
div structure and their ids suit the layout			
text between title codes reflects content of each page			
logo links to home page, linked filename is index.html, link border removed			
filenames included in link tags, no placeholders			
appropriate heading hierarchy			
list items applied to navigation items, current page link is deactivated			
hover effect as indicated, other links don't move on hover			
content link coded correctly and links to contact.html, no <span> codes, underline removed on hover			
image codes include alt, width, height, title attributes			
semantically correct html code, no inline styles			
presentation: colours, web-safe fonts, font hierarchy, size hierarchy			
background images and background colours correct			
sophistication of css code" css reset, descendant selectors applied, no classes`			
overall attention to detail			
Other			