

COSC 360  
Lab 4 – Layout with CSS

**Information:**

Using the provided HTML file and images, correctly style the page. The spacing does not have to be exact but should approximate the layout of the page. In addition, you will need to style the image overlay. The page is a two-column layout with a header and footer, with placeholder code. **Do not change the HTML.** You will need to inspect the HTML code to determine the correct class and id values for different elements. **Only your submitted stylesheet will be graded.**

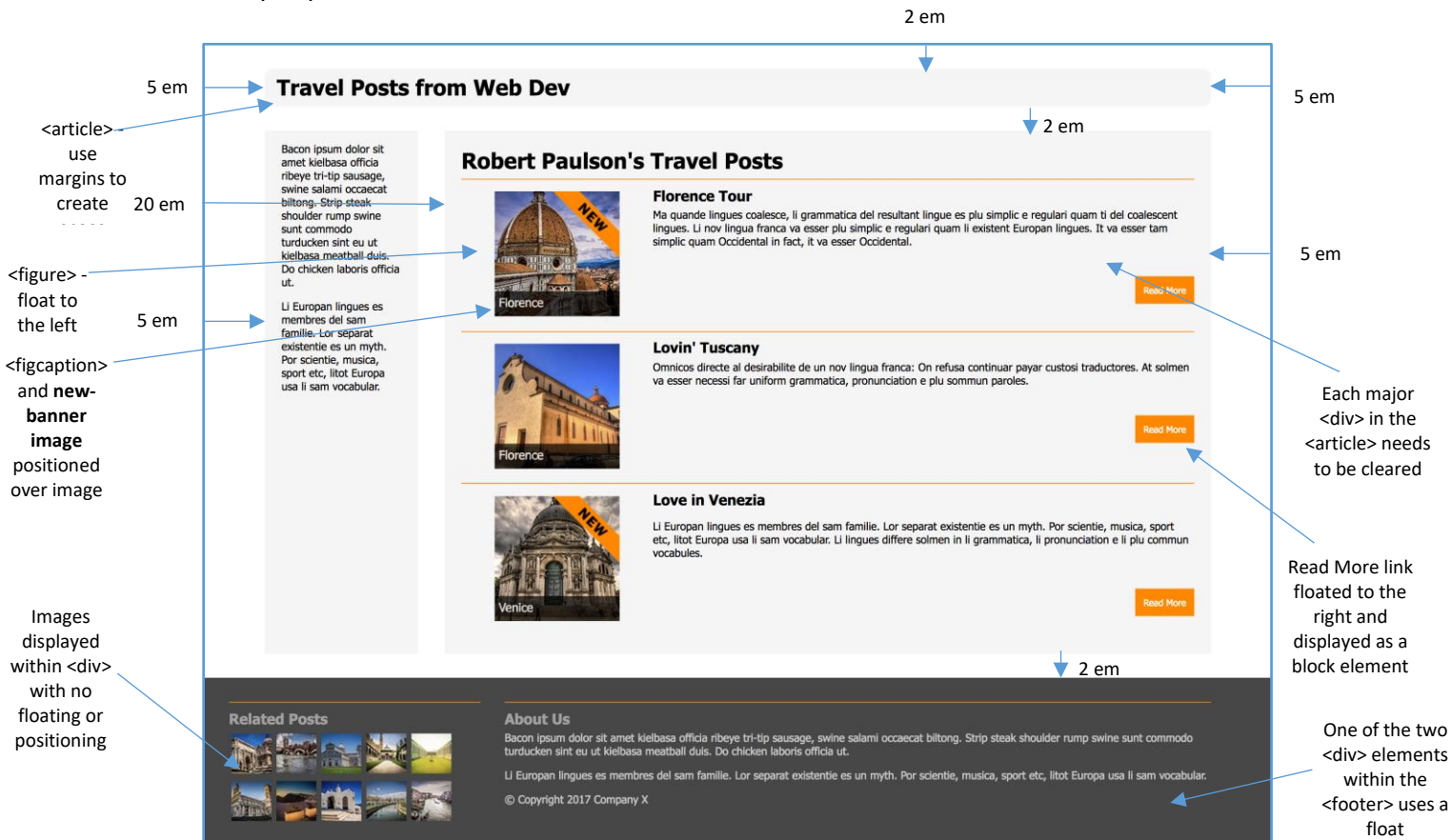
**Instructions:**

While an exact match is not required, attempt to reproduce as close as possible noting the marking rubric.

1. **\*\*Do not modify the HTML code\*\***
2. View the provided HTML5 code and images. Do not change the directory structure. You will be able to view the page without a webserver. Examine the `lab4.html` file to understand how specific elements have been identified.
3. Create a new stylesheet called `lab4.css` and place it relative to your html file as `css/lab4.css`.
4. For the page, use the following font-family and font-size information:  

```
font-family: Tahoma, Helvetica, sans-serif;
h1          1.8em
h2          1.2em
p, body    0.9em
```
5. Using floating element, create the two-column layout as shown along with the header and footer. With the two-column layout, both the side column and main column need to be the size height. In order to do this, set the height of each to be `600px`. The challenge is that as the page zooms, the content from the main column will wrap and overflow. Use the `overflow` property to allow the element to scroll when the size becomes too small to display the content.
6. Change the margins and padding of the `<article>` element. For most of the margins, padding, widths and heights (with the exception of the height of the `right-sidebar` which is set to `600px`), attempt to use `em` units. Required spacing can be found on the page image.
7. For the `<header>`, set the height to `45px`. Ensure that as the viewport changes size, the header text **does not wrap**. The text in the header is `1.8em`.
8. Use the techniques presented in Section 5.3.3 and 5.3.4 to display the content within the `<article>`. Use the same float technique for the `<footer>`. **You can use pixel units for overlapping elements.**

9. The colors used are `#ff8800`, `#474747` and `#F5F5F5`, but you are free to choose any colors as long as the physical page layout is the same (including background colors for the side and main column). You can find complementary color schemes with tools such as <http://paletton.com>.



### Testing:

Take the time to test your page with different browsers and at different zoom levels. Ensure that elements in the page scale appropriately.

### Evaluation Criteria:

4 points	Page layout with floats and correct spacing
1 point	Major page element styling
2 points	Header (zoom compatible)
4 point	Footer layout (floats, size, color, etc.)
2 point	Image overlay in posts
2 points	Image position/size in posts
2 point	Button position/styling
3 points	Individual post layout