**Answer Key**

for Fall 2020 Lesson 17

**Organizing files:**

1. F: filenames \*are\* case-sensitive
2. Mostly F: it works, but it looks janky with %20 in place of every space (and easier to mess it up)
3. F: you can refer to other folders within the root
4. – advantage: easier to move the project.
– risk: link could break silently, especially if you change folder nesting
5. (EXT) <a href="">, <img src="">, <link href="">

**HTML basics**

1. Metadata
2. <!-- comments -->
3. F: trick question. <img />, <br />, and <hr /> are self-closers.
4. True! In HTML, whitespace is whitespace is whitespace.
5. (EXT) every <head> should include <meta charset='UTF-8'/> and a <title>... and most likely a <link rel="stylesheet">

**Image basics**

1. T: img doesn't function without a src
2. Mostly F: width and height are often better set in css (but you should set at least one of them there)
	* (EXT) If you only set one, the other is automatically calculated so as to preserve the aspect ratio
3. Mostly T: alt is required. If you have a purely ornamental image (e.g. a decorative background), you can write alt=""
4. jpgs are lossy, but with photos it's hard to tell. With line diagrams, jpg leads to compression artifacts, and png offers transparency.

**CSS basics**

1. – external stylesheet

– page-specific <style> in the <head>
– inline style in the attributes of an html element

1. assign rules to selectors / define a ruleset
2. distinguish rules within a ruleset
3. /\* comments \*/
4. connect selectors with a comma before a shared set of {}
5. inline styles override the stylesheet, can't make changes in one fell swoop (or for accessibility purposes)
6. em's are responsive, i.e. they will display proportionally to changes in font size or viewport
7. (EXT) Use external stylesheets most of the time, for max flexibility (e.g. dark theme); use page-specific style for one-time modifications to a site’s primary style (e.g. for a special landing page); use inline style sparingly, when you have to override a system where you can post html but not css (e.g. on Canvas or someone else’s WordPress site)