1. Preview *3a.htm* in the browser. Resize the page modifying the *Font Size* in the settings/options. Notice how the font size **does not** change.
2. Preview *3b.htm* in the browser. Resize the page modifying the *Font Size* in the settings/options. Notice how the font size **does** change as the size changes.
3. Preview *3c.htm* in the browser. Resize the page modifying the *Font Size* in the settings/options. Notice how the font size **does** change as the size changes.
4. Preview *3d.htm* in the browser. Open the file with your editor. Notice the body size is calculated at 62.5% which is 16px \*62.5% = 10px. Therefore h1 is 40px; h3 is 35px; and p is 16px.
5. Preview *3e.htm* in the browser. Open the file with your editor. Notice the body size is calculated at 100% (16px). The h1 is calculated at 16 \* 2.5em = 40px; h2 is calculated at 35/16 \* 2.1875em = 35px; and p is calculated at 16 \* 1em = 16px.
6. Preview *3f.htm* in the browser. Open the file with your editor. Notice that in the second paragraph we have a *strong* tag within a *p* tag. Note that the p and strong elements are styled at 1.5em. The paragraph will calculate as 16px\*1.5em = 24px; and strong will calculate as 24px\*1.5em = 36px. Because strong is nested inside the p tag, it inherits the current font size as 24px.
7. Preview *3g.htm* in the browser. Open the file with your editor. Notice that in the second paragraph we have a *strong* tag within a *p* tag again. Note that the p element is styled at 1.5em and the strong element is styled at 1.5**rem**. The paragraph will calculate as 16px\*1.5em = 24px; and strong will calculate as 16px\*1.5em = 24px. **rem calculates based on the root font size (html root is 16px (unless changed)).**