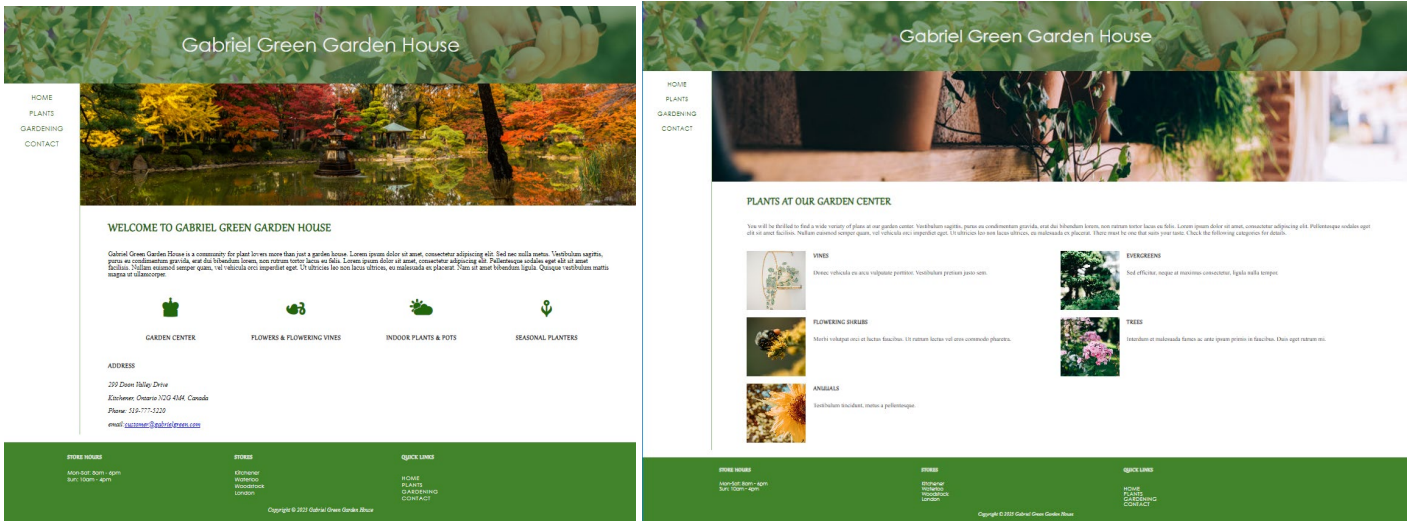# Assignment.2-1 (Chapter.6 Multi-column layout) instructions

This assignment is a continuation of the previous assignment with a focus on the application of CSS float to generate multi-column layouts. The expected outputs for home and plants page are given blow:

Task.1 – create case study folder

1. Copy the entire case study folder "ggarden1.3" and name the copy as "ggarden2.1"

Task.2 - HTML

1. Use an unordered list to organize navigation links inside both the main <nav> and those quick links in <footer>
2. On each page, add a header link that refers to the home page

<h1>heading text…<h1>

3. On each page, assign "class=item33" to each immediate child <div> of <footer>
4. On home page, replace <ul> inside <main> with a <div> that has an id = "muticol", and change each <li> element to a <section> element containing the following substructure:

<section class="item25">

<h3>icontextsubheading</h3>

</section>

Where "icontext" is a placeholder that should be replaced with the following Unicode icons in order:

   a. ♚
   b. ☙
   c. 🌤
   d. ⚘

5. On plants page, switch the source code order of <h3> and <img> inside of each <section> (inside the <div> with id="categories")
6.

CSS

1. Float <nav> to the left; then expand the width of <nav> band by increasing the left and right padding of "nav a" to 40px while keeping the top and bottom padding to 10px; using the selector "nav a:hover" to style an "hovered" link with text shadow value: "0px 0px 1px rgb(20, 70, 20)";

2. Apply "overflow:hidden" to <main> to clear float due to <nav>; visualize the left border of <main> with a consistent light color (e.g., rgb(158,194, 143));

3. Using the descendant selector "h1 a" to remove the default underline of header link text and change the text color to "#eee"; then move the text shadow from <h1> to the ":hover" pseudo-class of header link instead;

4. Configure ".item33" class to float to the left, and move all styles for the selector "footer > div" to ".item33"; then clear float on both sides of the "#copyright"

5. Configure ".icon" class as "block" display, and set the font size to 3em and text color to "rgb(35,102, 12)"

6. Configure ".item25" class to float to the left with a width of "25%", and align text to "center"; to clear float, apply "overflow:auto" on "#multicol";

7. Float the selector "#catgories section" to left and set the "width" to "50%" to generate a two-column layout locally;

8. For images inside "#categories", double the size to "160px" in both width and height, and float them to the left; then apply "overflow:auto" on "#categories section" to clear float. To align the top of subheading (<h3>) text with the top of corresponding image, set "margin-top" of <h3> inside "#categories" to "0". As the size of images increases, It's necessary to apply "object-fit:cover" to those images to avoid observable distortion.

9. Lastly, set width of "wrapper" to "90%".