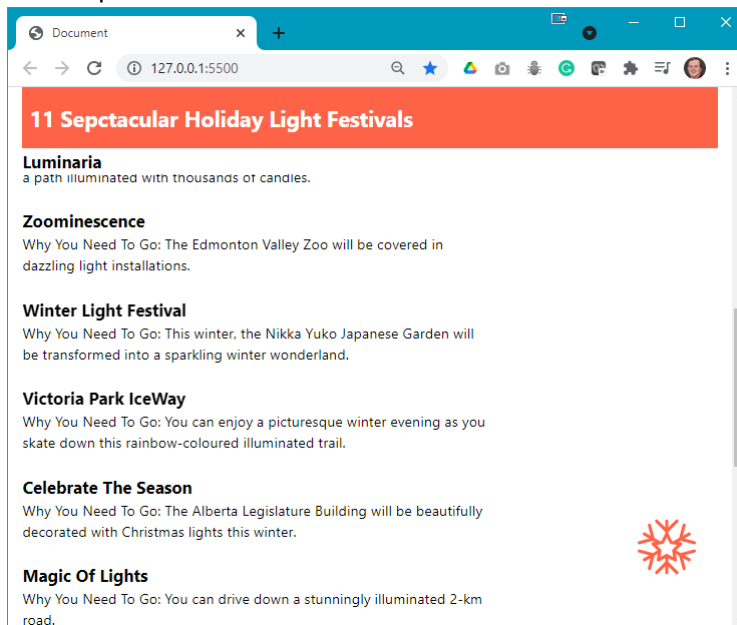# Sticky – Walkthrough Instructions

Demo Instructions

You can follow along with your instructor to complete this build and/or you can use this document as a guide in completing the demo build.
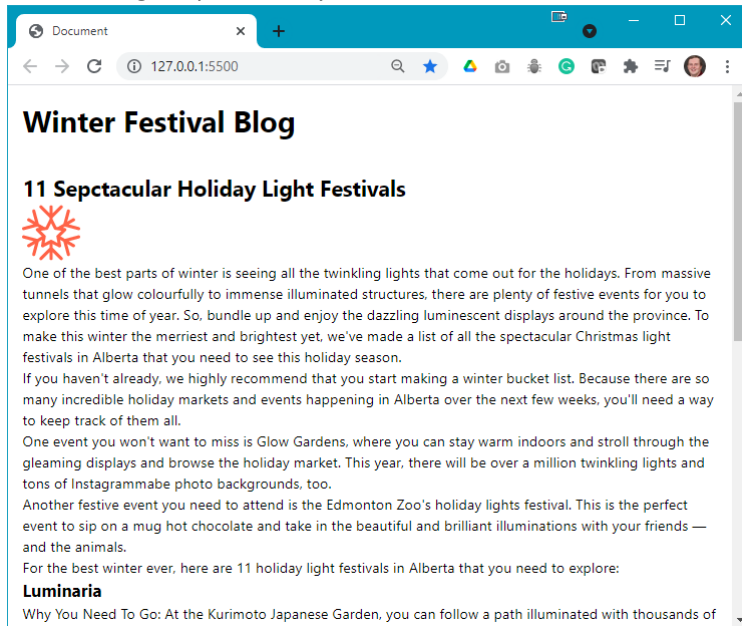
Steps

1. Download the **demo-sticky-fixed-position.zip** file from Moodle and extract its contents to a folder named **demo-sticky-fixed-position**.
2. The output of this lesson should look like:

Note: The header and the snowflake icon are fixed on the web page.

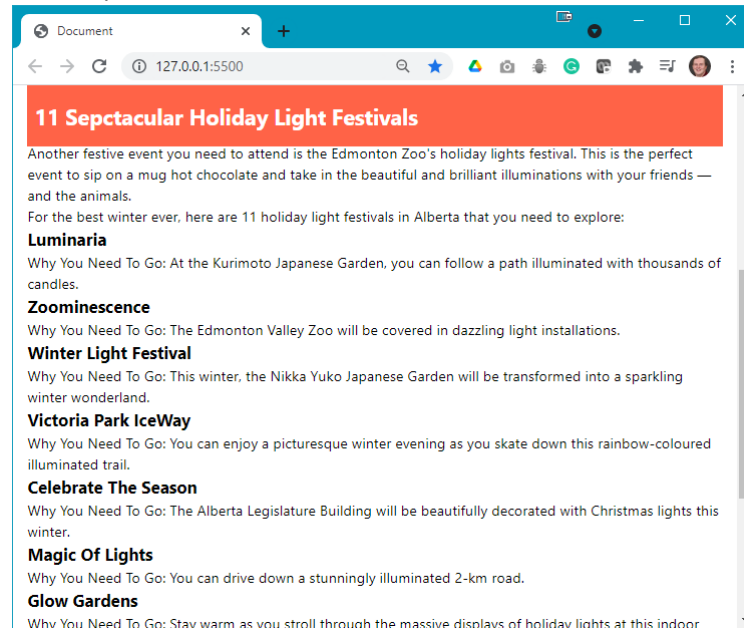3. The starting output when you run **index.html** in the browser looks like:

Question: What needs to be done?

4. Open your **styles.css** file and add the following style rules:

    a. Style the <h2> for colour and make it *sticky*:

```css
h2 {
    background-color: ■tomato;
    padding: 1rem 0.5rem;
    color: □#fff;
    margin-bottom: 1.5rem;
    position: -webkit-sticky;
    position: sticky;
    top: 0;
    /* this works, because the p and h3 elements are direct siblings */
    /* Sticky positioning can be thought of as a hybrid of relative and fixed positioning. A
    stickily positioned element is treated as relatively positioned until it crosses a
    specified threshold, at which point it is treated as fixed until it reaches the boundary of
    its parent. */
}
```
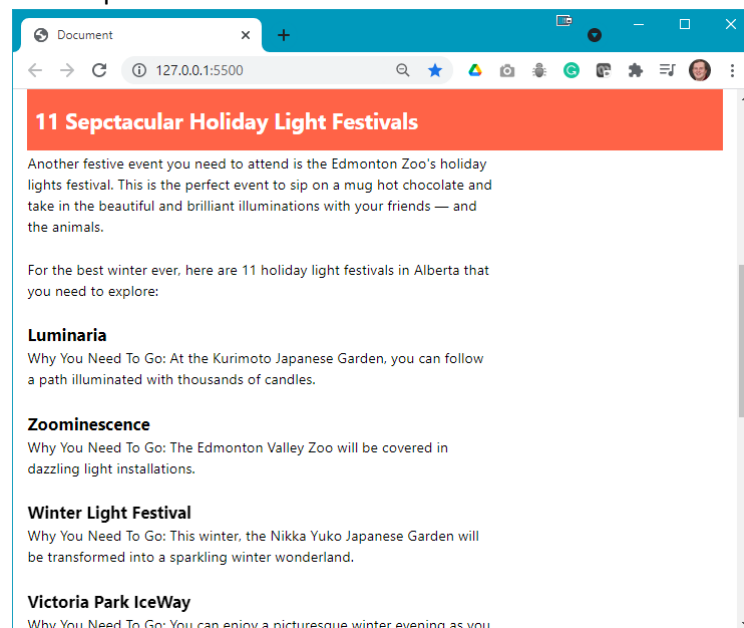
The output should now look like:

b. Style the <h3> and <p> elements:

```
h3 {
    position: -webkit-sticky;
    position: sticky;
    top: 68px;
    background-color: □white;
}

p {
    margin-bottom: 1.5rem;
    max-width: 60ch;
}
```

The output should now look like:

c. Try to make the <h1> *sticky*:

```css
h1 {
    position: -webkit-sticky;
    position: sticky;
    top: 0;
    /* this doesn't work because there are no siblings to scroll underneath this element */
}
```

Note: There should be no change in the output.

d. Finally, fix the position of the snowflake:

```css
.snowflake {
    /* fixed positioned elements are similar to absolute positioned elements - the natural
    space the element took in the flow is gone */
    position: fixed;
    bottom: 10%;
    right: 5%;
    z-index: 1;
}
```

5. You should now see the snowflake fixed near the bottom of the web page and fixed at a set distance on the right. When you resize the browser, you should be able to see: